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DECEMBER, 1909

THE INDUSTRIOUS HEN

ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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We are happy in the thought that the year 1909, which will soon pass into history, has brought many pleasures and much prosperity to a large number of our friends and patrons. And now let us enter the New Year with a firm determination to make the most of the larger opportunities which steadily reviving business conditions will cause to be in store for us during the coming year. That all of its readers may have a share in the many good things to come in 1910, is the sincerest wish of THE INDUSTRIOUS HEN.

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Published
By
THE INDUSTRIOUS HEN
COMPANY
Knoxville Tenn.

Sec. of Agriculture
WASHINGTON, D. C.



Chas. A. CYPHERS' Promise to You

I promise you that my new low-priced 1910 BUFFALO INCUBATOR equals any high-priced Incubator, yet it will be sold for about HALF THE PRICE.

Often have I been urged to put a cheap incubator on the market, but I could never see the honesty of offering two grades. Invariably I have replied, "When I can make as good a machine as has always been associated with my name and sell it at a low price, I will stop manufacturing the high price machine."

That time has come. It is here. The new Buffalo is such an incubator. New material and new methods of manufacturing have made the new low-cost Buffalo a possibility.

Construction of the Buffalo.

The new Buffalo Incubator is made of sheet metal and fibre board, indestructible and fire proof, an incubator as substantial and as well insulated as any I ever constructed.

I have retained the diffusive heating and ventilating system made famous by my former non-moisture designs. The lamp has a self-feeding fount, with burner that does not need attention oftener than once in three days.

Outdoor and Indoor Brooders.

I am manufacturing a complete line of Colony Brooders—the best I ever made, irrespective of cost. I predict that the new Buffalo will be the most popular brooder ever offered poultrymen.

Note These Money Saving Prices—

50 Egg Size Buffalo Incubator	-	\$8.00	Buffalo Colony Brooder	-	\$10.00
100 " " "	-	11.00	Buffalo Indoor Brooder	-	7.00
200 " " "	-	15.00			

Portable Houses.

Write me about my complete line of portable, waterproofed Colony Houses, Incubator Houses, Brooder Houses, Summer Cottages, Garages—and everything for the best and cheapest poultry equipment.

I want every one of my quarter of a million poultry friends and every owner of a Model, Cyphers or Prairie State Incubator to write me to-day for my advance circulars on my new Buffalo Incubators and Brooders. I will inclose with it Bulletin No. 2, which tells of a new poultry discovery.

CHAS. A. CYPHERS, President Buffalo Incubator Co., 4714 Ellicott Square, Buffalo, N. Y.

EGG MAKER



I Have Ten Hens and Get Ten Eggs Each Day

by feeding "Lee's Egg Maker." Without waiting another day, go out and count your hens—count them carefully. For a week keep an accurate daily record of the eggs you get. The guarantee below means you.

WE GUARANTEE

that no matter what you are feeding, and regardless of the number of eggs you are getting at the present time, if Lee's Egg Maker is added to the daily ration—made a portion of it—the increased egg yield resulting therefrom will more than pay the cost of the Egg Maker, cost of labor required, and 100 per cent profit on said labor.

We don't care what your hens are doing now, we ask you to buy Lee's Egg Maker on our guaranty of an increased egg-production at a reduced feeding cost. Could we make you a better proposition?

The amount of good *digestible* protein is what counts for results in poultry feeding, and America's big feeders say Lee's Egg Maker contains more *digestible* protein than any other poultry food they can buy.

Lee's Egg Maker is almost entirely a meat food and with an actual tested protein feeding value in excess of 80 per cent, and you'll find in it the essentials entirely lacking in other prepared poultry food. The best feeding authorities in the country endorse it—and use it. You can't afford *not* to feed it, whether you have 10 hens or 1000, the proportionate profit would be the same.

Price: 2½ lb. pkg., 25 cts., 25 lb. pail, \$2.00. Ask your dealer or send direct to us. We pay freight in 100 lb. lots.

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1113 Harney Street, Omaha, Neb.

General Agents in all principal cities. Write for name of one nearest you.

KRYSTAL WHITE ROCK

COCKERELS AND PULLETS FOR SALE

Some good exhibition birds in the bunch. I book egg orders now for early spring. Pens 1 and 2 consist of members of 1st and 3rd prize pens at Clinton, Ia., show last month. Pen 1, \$3 per 15; Pen 2, \$2 per 15.

HARRISON RUTH, Morrison, Illinois

KEEP YOUR EYES ON DATE OF

JEFFERSON COUNTY POULTRY SHOW

AT PINE BLUFF ARKANSAS, JANUARY 18-21, 1910

YOU CAN'T AFFORD TO MISS IT. This will be one of the best shows of the season. We have engaged H. W. Blanks of Columbia, La., to judge for us.

LIBERAL CASH PREMIUMS. Many valuable specials and six cups will be given. For premium list and other information write to

RUSSELL HOLLIS, Sec'y., - PINE BLUFF, ARK.

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 6

Knoxville, Tenn., December, 1909

(Whole No. 67) No. 7

FLORIDA AS A POULTRY-RAISING SECTION

WRITTEN FOR THE INDUSTRIOUS HEN BY C. FRED WARD, WINTER PARK, FLA.

[We are indebted to Mr. C. Fred Ward, of Winter Park, Fla., for the following article concerning the poultry business in his state. The article was written by Mr. Ward in response to an inquirer who, desiring to locate in Florida, wanted specific replies to certain questions touching the prospects, possibilities and profits of poultry culture in different sections of the State.]

Florida has an ideal climate for poultry raising and many natural advantages that make it a state especially adapted to this business.

We cannot speak with authority of the very northern part of the State, as its soil is not the loose sand of the middle and southern parts; the winters are colder and the summers hotter, as that part of the State does not lie between the Gulf and Ocean. But in the central part of the State the soil is especially adapted to this business. The rainfall is heavy in the rainy season, as a rule, but the water sinks at once into the ground and there are no puddles or damp corners to breed roup amongst the flock. This disease is very rare here when the houses are correctly built and then not over-crowded. In the far southern part of the State, on the east coast, we have been told that the mosquitos have been very troublesome to poultry raisers, and screened houses are necessary for roosting purposes. But in the central part of the State we do not have any trouble of this kind.

As we are far from the grain raising states the cost of transportation makes the cost of grain higher here than in those states where it is grown.

There are foods that can be raised for feed here, if the flock is small, but not very profitably if several hundred chickens are kept. Cow peas, winter rye, sorghum, millet, rape, chufas and oats all do well. Green feed, of course, is obtainable all the year, which helps much in the cost of feed. Bermuda grass in the runs, for the hens, if not too many are yarded together, supplies this green feed at all seasons. The young, growing stock soon kill out the Bermuda grass in their runs; so lettuce, mustard and other green foods can be raised to supply them. We have two gardens a year in this section, and it is only in mid-summer, when young stock do not grow well that there is no green stuff in the gardens.

There is a plentiful supply of bugs and insects here, but food which contain protein must be fed to the laying stock. Fresh beef scrap is good. Ground bone and fresh meat are apt to cause sickness in this climate.

We have very little sickness here, in a well handled flock of chickens, the weather being neither too cold in winter nor too hot in summer. Of course, cleanliness, care in feeding and proper roosting quarters, each count as much as climate and proper soil in poultry raising. Cleanliness is more essential here than in the North, and the houses must be occasionally sprayed with a good carbolic solution, to prevent vermin. Fowls will lay here, all winter, when eggs bring a good price. The hatching is most profitably done, in Florida, in winter and early spring.

A poultry plant can be established with much less capital here than in the North as very inexpensive houses, closed only on the north and west ends, and half way on the

east, are all that is needed. They do not have to be tightly built. Rough lumber answers every purpose, and a little red paint makes them presentable in appearance. A clay or board floor, preferably clay, is necessary, and chicken wire on the south and east ends of the house protect from prowlers. A hood on the south is necessary to prevent sudden hard rains from that quarter wetting the fowls and making the floors damp. The chickens need shade during the heat of the day. Our yards are made of chicken wire, built without top or bottom boards, but the wire is close against the ground at the bottom of the fence and well pegged down. A barbed wire along the top is a protection. No brooder houses are needed. The small outdoor brooders, placed entirely in the open do much better for the little chicks than indoor brooders in a heated house. We have not experimented with the natural-heat brooders, but there are poultry raisers here that consider them well adapted to this climate. An incubator house need only be built free from drafts and well ventilated, one thickness of up and down boards answering this purpose. The house should be in a shady place, as it is more a question of keeping the heat down than of the eggs getting chilled.

The running of a poultry business depends so largely on personal qualifications that its success or failure can hardly be predicted. We believe, however, that Florida has great prospects as a poultry state.

Farming in this section is much better understood now than formerly, and is becoming a leading industry of the State. With general farming, poultry raising always goes hand-in-hand. And with such an ideal climate and soil, so little expense is necessary in establishing a poultry plant. The only other essentials are the right man and a good market. Jacksonville, Tampa, and other large cities and towns and the prosperous East Coast afford good markets that have never yet been over supplied with either eggs or poultry at any time during the year, and the prices hold good at all seasons. Eggs bring from twenty-five to forty-five cents a dozen in this section.

The right breed of fowls are raised here with small loss in incubation and breeding. The Asiatics are too heavily feathered and too long in maturing to be profitably raised. The Mediterraneans lay well and are great foragers, and are healthy when grown, but are raised with greater loss when a few weeks old than the American breeds. The American varieties do the best here. The Plymouth Rocks are long in maturing, and so are not so profitable as the Wyandottes and Rhode Island Reds. We personally prefer the Rhode Island Reds as they are so hardy and such good layers of large, brown eggs, and the brown eggs are the kind called for in this section.

There are several large paying poultry plants in Florida.

As is well known, the profits from poultry culture are not wonderful, but a paying business here brings in a good living income, and as a side industry in general farming, it is one of the best paying branches of that occupation. And in every respect—except the disadvantage of distance from grain markets—Florida offers exceptional advantages for this business.

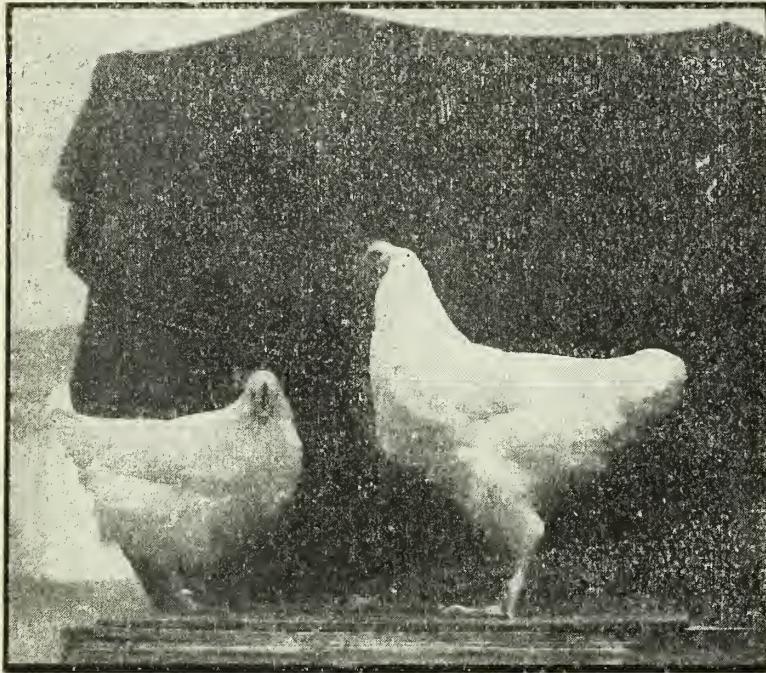
HIGH PRICES RESULT OF INCREASED EXPENSES

WRITTEN FOR THE INDUSTRIOUS HEN BY J. C. CLIFF, SALTILLO, IND.

At the present high prices of everything that is offered on the market, it would appear that some of the prospective buyers would be more considerate in asking for prices on breeding stock. They seem to want the best at a nominal price regardless of cost of production. Well, of course, it is all right to be as conservative as possible in buying our necessities, but any honest American should be willing to pay cost of production at least. But from the tone of the letters we receive from some inquirers it is evident they want the very best we have gratis if it were possible. Only a few, I am pleased to say, are so short sighted as to ask us for high-class stock for less than it cost to produce it. We must consider the fact that all feed stuffs for the past twelve or eighteen months are higher than ever before, or, at least higher than since the great civil war. Consequently no breeder can produce fowls at the price they were produced some few years ago. No matter if you are producing market or exhibition fowls,

position to offer your product to the buyer at a more reasonable figure, and yet be remunerative. Any buyer of fancy fowls should be willing to pay a sufficient sum to cover all current expenses and a reasonable business profit. There is not anything I will venture to say that is more grinding on the breeder's patience than to have a customer remit the price of a utility bird and request you to ship a quality sufficient to make a first class exhibition specimen.

The man or woman that hasn't any comprehensions of well bred fowls over market or mongrel fowls should be informed if possible. Then if he ignores this information he should not be tampering with fancy-bred stock. The average breeder will not ask more for his product than it is worth. Of course there are grafters in all lines of business. Such individuals will soon show up, and then it is time to drop them "cold." Be reasonable and do not exact more than you are willing to give. I enjoy the poultry business, but I find there are bitters leaking into the sweet. But such is life. Live the life of an optimist if possible and you will find easy sailing. Submit your inquiries intelligently, explaining carefully just what you want, and in a majority of instances you will receive fair treatment.



Crystal White Orpington exhibit of Louisa Poultry Farm (Mrs. Mabelle Truran, prop.) Trevilians, Va., at Virginia State Fair, Oct., 1909.

they must necessarily be quoted higher, for the reason it has cost more to produce them than it did a few years ago. Every commodity is now going at a considerably higher rate; hence, fowls of any class must be sold at a higher rate. Every consumer of American or foreign products is well aware of these facts. Yet some prospective buyers wish to ignore this and complain if you quote your stock higher than you did when they could be produced at less than half the expense a few years ago. Feed is quite an item now; lumber is another great expense; hired labor is at a maximum, and everything has to be paid for out of the funds received for our fowls. Almost any sort of a workman that can make shipping crates charges at least \$1.50 to \$2.50 per day. All these items must be accounted for and if you are not very careful, the poultry business is going to be handled at a great sacrifice. I am not advocating excessive prices, but I do advocate the wisdom of demanding a price at a small margin over cost of production. Where is the breeder, or farmer even, that can produce a fowl and sell it for \$1.00? It can't be done, at present prices of feed and labor. Unless you are a very conservative poultryman, your expenses will over-reach your profits. There is money in the poultry business but a breeder can not quote prices with some of the thoughtless venders. It is a well known fact that some breeders are pricing and selling their stock far below cost of production. Just for this reason you hear of the numerous poultry concerns going to the "wall." The secret of success in any line of business is in keeping down expenses. By so doing you can be in a

OLD HENS

As a rule all hens should be culled out and sent to market at the age of two and one-half years. Yet there may be exceptional cases. If a hen has laid well the previous winter, the possibility is that she may lay again the next spring, and it is important to get as many chicks from winter-laying hens as possible, so long as they will give us thirty or forty eggs each in a season. Valuable exhibition hens may also be kept for a longer period, and such as possess certain valuable race characteristics which it is desirable to perpetuate.

FEEDING

The beginner should not worry too much about a balanced ration. You want to attain it as soon as possible, but in the meantime use common sense and follow the lead of the most successful poultrymen of your acquaintance. Give beef scraps and a variety of grains, including wheat, corn, oats and barley. Keep pure water in reach, also a dust-bath and boxes of grit and charcoal. In our section, blue-grass furnishes good green food for winter. Sorghum or broom-corn seed and kaffir corn will make eggs for you.

ADVICE TO THE EDITOR

Don't bury your talent, my brother,
In the dark and dingy ink well;
For today the best paying "scratching"
Is where you have chickens to sell.

Don't bury your talent, my brother,
In the poet's corner so neat;
For my friend—why in the stock market—
You might make a "corner on wheat."

Don't bury your talent, my brother,
Writing good little ethical lays;
When, as a "ward politician," you
Could lead in a way that it pays.

Don't bury your talent, my brother,
Penning little love sonnets sweet;
As contractor live in a mansion
Instead of a cottage so neat.

Don't bury your talent, my brother, and
Hope to rise on swift wings of song;
In these days, my friend, 'tis far better
In your motor car to go 'long.

And my brother, O my dear brother,
'Tis sad but alas! it is so;
'Tis money, yes horrible money!
That is sure to make the "mare go."

—MABELL W. MITCHELL, Knoxville, Tenn.

SUPPLYING A POULTRY MEAT-MARKET

WRITTEN FOR THE INDUSTRIOUS HEN BY MICHAEL K. LOYER, HAMMONTON, N. J.

While I believe it is more profitable to sell when the prices are high than it is to turn them into broilers or roasters—using the eggs for incubation only when there is a decline in price—I also think that every thing should be governed by both the market and the facilities of the poultryman. It has been proved that combinations pay better than a single branch.

Poultry-meat farming has been made a profitable occupation since the invention of reliable incubators and brooders, but, of course, along with these machines must go good judgment and experience.

It is all important that we know the condition and the demand of the market we wish to supply. Some markets give better prices for broilers and others excel in roasting fowls.

At the beginning of each year, in nearly all the large city markets, there is an increased demand for soft roasting fowls, weighing from four to six pounds each. At this time, too, there is a reasonably good demand for broilers. Beginning about the middle of January up to the first of May there is a call for squab broilers—chicks weighing eight ounces, dressed—for which as high as ninety cents a pair has been paid.

The *New York Produce Review* says the cause of considerable poultry arriving in bad order is the fault of the shipper, either by not having cooled out properly, putting too much in barrels without sufficient ice, or shipping dry-packed during warm or muggy weather.

Poultry that is to be tanked down in ice water before shipping should be well cooled out by putting in three changes of fresh well-water before placing in ice water; this takes the animal heat out gradually, whereas, if placed in the ice water too quickly it drives the animal heat to the entrails, making a condensed and extreme temporary heat, which sours the contents of the crop and entrails, and which in reaction gives a strong and unsavory smell to

the poultry, and almost invariably gives a greenish cast to that thin portion of the birds at the lower point of breast, which, of course, affects the selling price. This mistake of improper cooling occurs more with winter and inexperienced shippers, than with those who ship the year round. However, it frequently occurs even with those that have used too much haste, or dressed too close up to shipping time.

Strong, sound barrels should be used in shipping, and the carcasses packed with ice. On the bottom of the barrel place a good layer of broken ice, then a layer of poultry, beginning in the middle, and packing in a circle, with heads down, backs up, and feet toward the centre. Then alternate layers of ice and poultry, until the barrel is filled to within six inches of the top, taking care to have ice between the poultry and the sides of the barrel. Top off with large pieces of ice, and cover the barrel with burlap, which will insure its being kept right side up. Mark your name and address on the barrel along with that of the party you are shipping to, and at the same time send an invoice by mail, so that there may be no mistake or misunderstanding. It is always advisable to write ahead of a shipment so that in case of a stocked market the commission-man can notify you to delay shipment a few days.

Those who ship live poultry to market must use strong, well ventilated coops, of sufficient size to avoid overcrowding, or some of the birds may be crushed to death while enroute. The stock should be well fed and watered before shipping, and an extra allowance of feed placed in the coop. The shipments should be timed so that they will reach destination not later than Friday; and never ship at the end or latter part of the week, except by special order, as the stock should not be allowed to remain in the coop longer than is actually necessary. As there is a certain amount of shrinkage in all shipments of live poultry, exact returns for the full weight at time of shipment must not be expected.

GADSDEN, ALA., A COMING POULTRY SECTION

The poultry industry of North Alabama has made rapid strides in advancement during the last few years, and no where has this been more apparent than here in Etowah County. Five years ago when the writer first came here, the hen cranks were few and far between; poultry on the farms was a negligible quantity, and pure-bred stock was a virtual curiosity. Today this has all been changed. There are a number of enthusiastic fanciers; the farmers are beginning to sit up and take notice, and fine stock of the most popular standard breeds is everywhere in evidence. Last year the fanciers of the County inaugurated a get-together movement that put the boys all on their mettle, and on less than two month's notice we held a show that would have done credit to a much older poultry-raising community. With the aid of the citizens a good line of premiums was secured. Judge Marshall placed the awards and something over three hundred fine chickens were on exhibition. The show was appreciated as a step in the right direction, and early this year a more comprehensive organization was effected, taking in the breeders of this and adjoining counties and known as the North Alabama Poultry Association. In the late summer plans were begun for a bigger and better show this year, and these have been well executed and now promise one of the best exhibitions ever held in Alabama.

Besides the regulation cash premiums offered at all the better shows, the Association is offering fourteen silver loving cups and specials. The interest of the fanciers both local and foreign gives every assurance that the entries of last year will be doubled and that Gadsden will witness a contest for honors among some of the gamest fanciers with the best stock in the southwestern states. The lists are open and all are invited. While the local breeders may not secure their share of the money and trophies, we are willing to lose and to learn.

Among the more prominent breeders here who are taking an active interest in association matters are: Herbert Meeks, president, breeder of Barred Rocks; J. C. Greene, secretary, breeder of Buff Wyandottes; E. D. Jordan, breeder of Black Orpingtons; H. Clay Leath, breeder of Barred

Rocks and Partridge Wyandottes; L. E. Chandler, breeder of Buff Wyandottes; J. R. Walker, breeder of Silver Wyandottes; S. C. Ebbets, breeder of White Rock's; J. O. Benton, breeder of Columbian Wyandottes; A. W. McCulloch, breeder of Buff Orpingtons; E. Wooly, Attala, breeder of Rhode Island Reds; W. H. Marsh, Collinsville, and C. W. Eady, Guntersville, breeders of Reds; Will Gwin, breeder of Partridge Wyandottes and Anconas; Dr. S. C. Tatum, Center, breeder of White Leghorns; R. V. Davidson and Gene Pentecost, breeders of Barred Rocks; Will Haas and W. P. Hofferbert, breeders of Buff Rocks and a long list of others, more or less interested in the fancy, who are backing the association and will be on hand with entries of their favorites. The date of the show this year is Dec. 21, 22 and 23. F. J. Marshall will place the ribbons. The premiums are liberal and will be promptly paid. Honors secured here will be worth while and fanciers who have these dates open can not afford to miss the keen competition that this show will offer.—W. P. HOFFERBERT, Gadsden, Ala.

No success can be obtained with poultry unless the fowls are kept comfortable. A fowl drenched with rain is not comfortable. A man caught in a rain storm can change his clothing and thus save catching cold, but a fowl must allow her clothing to dry on her. No fowl can stand constant exposure to inclement weather, and the more we protect them the better will be the results.

Capons, generally, are dressed by leaving feathers on the neck from the head down two-thirds to the shoulders. They are also left on two first joints of wings, on tail, half way up the back, and on legs from knee-joint two-thirds up the hips. All the rest of the feathers are taken off.

Boston market prefers the head of the fowl taken off at the throat. Strip the blood out of the neck; peel back the skin a little, remove a portion of the neck bone; and then, just before packing, except in warm weather, draw the skin over the end and tie and trim neatly.



THE INDUSTRIOUS HEN

DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter

B. W. Rhoads, Western Advertising Manager, Tribune Bldg., Chicago.**C. W. Fowler, Southern Advertising Representative, Smyrna, Ga.****Subscriptions in the United States, Cuba or the Philippines****50c A YEAR, THREE YEARS \$1.00****Foreign Subscriptions \$1 a Year. All Subscriptions in Advance****ADDRESS ALL CORRESPONDENCE TO
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Vol. 6**DECEMBER, 1909****No. 7**

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to Poultry and kindred Industries. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

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Forms close 25th of month preceding date of issue.

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If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired, and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss **THE INDUSTRIOUS HEN**, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

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EDITORIAL PARAGRAPHS

POULTRY SECRETS

INEXPERIENCED poultry people should not put too much confidence in so-called poultry secrets that are offered at an extortionate price. Most of them are said to have been public property for many years and not at all deserving the claim made. If you want them they can generally be obtained in a publication containing such information for a very small price.

* * *

GET SHOW BIRDS READY

THE coming shows are more numerous than ever. Are you going to have a part in them? If so, it is time to get ready. Select your best birds carefully and get them into pens by themselves and give them a fresh, clean yard. Don't overlook any defects, and begin to groom and develop them at once. They should have at least six weeks of special care before the test comes. When you think you have done your best, it may pay to try a little more, for often the victory is won by only the fraction of a point. Train the birds to be gentle and self-composed. This will help them out a lot. Ship in good coops and have everything neat, clean and spick-and-span. Study day and night how to omit nothing.

* * *

BUSINESS PROSPECTS

IT is true that more people are now engaged in producing pure-bred poultry than ever before, yet the demand is increasing so rapidly that the supply is not sufficient to meet it. With the return of "good times," the poultry business next year bids fair to be the largest in its history. Are you going to be ready to avail yourself of this great opportunity? To do so you should study the situation thoroughly and put your house in order. The opening of the spring season should find you with your flock in order and a fixed purpose in view. There should be no "shilly-shallying" and uncertainty. That is not the way to do a successful business. If you need more stock, look over the "ads" in **THE HEN** and decide upon the best you can afford and what will, in your hands, sell to best advantage next year. As in politics—so in poultry—eternal vigilance is the price of success.

* * *

UNIVERSITY SHORT COURSES IN AGRICULTURE

THE University of Tennessee has announced four short courses in agriculture during the months of January and February, 1910. Course No. 1. Professors Mooers, Bain, and Morgan, January 3-15, deals with Soils, Fertilizers and Farm Crops; No. 2, Professor Morgan and Dr. Jacob, January 17-29, Live Stock; No. 3, Mr. Denniss, January 31-February 12, Dairying; No. 4, Professor Keffer, February 14-26, Truck and Fruit Growing. These courses may be taken singly or as a whole, and are open to everybody sixteen years of age or over, who can read and write. Tuition is free and there is no examination entrance.

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OVERFEEDING

Overfeeding is a mistake in the production of poultry or eggs as well as underfeeding. Even if the excess of food should be digested and absorbed into the blood stream, the tissues cannot take up more than they need and the rest will float as poison and waste in the system. The result will be bad. Instead of promoting vital action the same will be retarded, just as the production of steam will be retarded when the furnace is choked with an excess of fuel.

The popular idea is that the more food digested, the greater the number of eggs in fowls, or the greater the strength and vitality in any animal organism. There never was a more greatly mistaken idea. Only evil can come from overcrowding an animal organism with an excess of food. There should be just enough feed and no more. It is safer to give slightly too little rather than too much.

* * *

Give the boys and girls some choice Bantams to feed and care for. They can be kept in the backyard or other small place, and are always a source of much interest and satisfaction. Bantams are useful as well as ornamental, for they make a delicious morsel for the table and their eggs are rich and delicately flavored. If the quantity is small it is easy to double the number, for they require but little food and are very inexpensive.

PREPARING BIRDS FOR THE SHOW-ROOM

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE D. M. OWEN, ATHENS, TENN.

While the subject of preparing birds for the show-room has been discussed until worn about threadbare, now as the big annual show at Knoxville draws near, it may not be amiss to offer a few suggestions on the subject. It is not well known that it is the well prepared and properly trained birds that win in the show-room. There are today in the yards of the East Tennessee breeders, Rhode Island Reds, Barred Rocks, Brown Leghorns and other varieties just as good in quality as are in the yards of the most noted breeders of the United States. You want to realize this fact and don't get it into your head that you must send to some noted breeder and buy your winners; but select out your best specimens and properly train and prepare them for the show-room if you wish to win. Do not try to prepare and train too many. It is quality and not quantity you want to show, and the fewer you try to show the more time you will have to train and prepare them. Select a few of your best specimens at least four to six weeks before the show, place them where you can handle them daily, go over each bird often until you know every feather

tail feathers, as a specimen with flight, main tail or sickle feathers missing is not likely to be a winner; but off-colored feathers in back, breast and body can be removed without injury to the bird and without leaving any indication of removal. Do not, under any circumstances, try to cut off side sprigs or trim combs. Better leave the bird in this respect in its natural condition, for most any judge will detect it and punish your bird heavily. Do not try to color the lobes. You will most likely leave them so detection will follow. Bring your birds to the show-room clean, well trained and gentle to handle and you are almost sure to win. It is the clean, well trained bird that attracts the attention and gains the favor of the judge. And it is the same bird that at all times attracts the crowd during the show. A wild, scared bird, or one with soiled plumage or frozen comb and wattles—I care not how good otherwise it may be—will not attract the admiration of visitors to the show-room. Do not send any bird to the show-room that is any way diseased. Do not send any bird to the show-room that has a frosted comb or wattles or rough scaly shanks. Healthy, vigorous, gentle, well trained birds win. You don't buy them from noted breeders, but you can select them from your own yards and make winners out of them. When you get to the show-room don't insist on your bird being crammed and fed until they become dumpy and lifeless. It takes very little feed to do them while cooped up in the show-room, and they are at their best when their craws are not too full and when they are hungry enough to scratch and be on the lookout for food. Don't let them water your birds just before the judge passes on them.

Now in this article I have advised removing certain defects. The reason I do so is that I believe that every bird should be given every advantage possible. And no bird when properly shown is in its natural condition. All the leading breeders of the country prepare their exhibition birds by removing all defects they can without injury to the bird or detection by the judge, and I think the amateur should be given the same privilege, and should be so advised so as to place him on equal footing with others. Be careful in removing defects. It is the judge's duty to disqualify any specimen that has been so treated if he detects it. The information and advice I have given is what I think is due the amateur. The old breeders practice it; why not the amateur?



White Wyandottes exhibited at the Virginia State Fair by the Standard Bred Poultry Farm, Burkes Garden, Va.

on them, and right here I want to say if you find any false-colored feathers remove them. Remove any and all defects that you can without injury to the bird, but do it in an artistic manner; for if the judge finds any indications of defects being removed, it is very likely you will fail to win. Continue from day to day going over your birds and you will be surprised to find after you have carefully gone over them dozens of times, defects that you had not formerly noticed. After you have handled your birds a few days they should have become gentle and easy to handle. Then commence to pose them. Teach them to stand in an easy and natural position when being examined. They will soon learn to like to have you rub them and handle them. If you find a specimen that will not become gentle and easy to handle, cut it out and replace with another. Do not wash your bird too much. In fact I would not wash any but the white varieties. If you keep them in clean quarters and rub them with a soft cloth daily, you will find they are as clean as necessary. Do not use much oil on shanks, combs or other parts, but keep them rubbed clean and dry. Every day or two take each specimen and go over it carefully and remove all false-colored feathers, provided there are not so many as to leave the bird in bad shape. You should not remove any flight or main

SOME USEFUL HINTS FOR POULTRY MEN

You can tear down in a day what it has taken several years to build up. So don't take up with all new methods, theories, etc., that you happen to hear of. When you do undertake to improve by them, go at it by degrees. Take one or two fowls and experiment. Then, if you find that such methods are practical, apply them to your flock.

There are many "has beens" who have blighted their success by pell-mell applications of what some one has tried to help them with.

Don't put a sick fowl in a coop with healthy ones. It matters not how slight, or what the disease may be. Read that again, comply with it and save your self much time and money.

Nothing will show neglect on your part quicker than will the condition of your fowls. Their appearance tells the tale to your friends and callers.

Don't read your poultry journals for pastime, but for what there really is in them. Profit by what you read and hear, provided you like it.

One quart of water, to which has been added one-quarter pound of cappers and a tablespoonful of sulphuric acid—one teaspoonful of this to a gallon of drinking water makes a good tonic to build up a run down flock.

Sulphur burnt in your poultry-house will kill lice and mites, and at the same time destroy disease germs. It also destroys odor expelled from sour dropping boards.

Twenty drops of carbolic acid to a gallon of drinking water will correct most bowel troubles.—J. A. THORNHILL, Hartselle, Ala.



AN IDEAL POULTRY FARM

Situated in a beautiful valley of southern Indiana, the French Lick Springs gush from the rocks amid the most charming and picturesque surroundings. Noble ranges of hills rear their sunmits on either hand, while long vistas of valley and upland, of billowy forest, purling brooks and grassy meadows stretch away to the horizon, forming an ideal setting for Frogdale Poultry Farm, which is one of the most complete plants in the State. All the buildings face the south and are protected on the north, east and west from winds and storms. The drainage and sanitary conditions are perfect, and it is certainly an ideal spot for poultry raising.

The large hotels at French Lick and West Baden use the entire output of the broiler plant, and all surplus ducks and turkeys not used for breeders. The culls are therefore all disposed of and there is no opportunity for them to enter the breeding flocks.

George C. Thayer, the proprietor, is always ready to welcome visitors and exhibit his "Pluto" strains of White Wyandottes, Leghorns and Rocks, Birred Rocks, White Holland and Bronze Turkeys, Indian Runner and Pekin Ducks. The Indian Runners are beauties and began laying November 8th. The illustration gives an idea of the appearance of these famous ducks. Fourteen large incubators are in operation continuously, hatching chicks and ducklings and turkeys in season.

The breeding of the Edible Frog is another attraction from which the farm derives its name: and as "Pluto" is known the world over as a famous mineral water, he has applied the "Pluto Strains" to his various breeds.

The farm comprises forty acres, and is sown in rye,

kale, rape, etc., and the finest forage is abundant the year around. There is an oat-sprouting cellar which is operated summer and winter and furnishes quantities of nourishing green food. The large feed house shown in the illustration is complete with power, steam cookers, feed grinders, range, clover and bone cutters, etc., as well as a water system that distributes fresh water to all the buildings and yards.

It is certainly a plant worth seeing, and stock from this farm is strong and vigorous. Orders are now being rapidly booked for Indian Runner eggs and are filled in rotation. "Frogdale" Booklet is now ready and will be sent upon receipt of request.

SHOW-BIRD ETHICS

As the show period is approaching, a few words about show-room ethics may not be out of place. That this is no place for trickery and dishonest practices should pass without question. Even if the principle of moral conduct is not inborn, practical business principles should teach us that it is indispensable in all the affairs of human intercourse. Dishonesty is destructive and disorganizing to all legitimate business. Faked show stock, or that which is not what it professes to be shou'd be an impossibility in every decent exhibition. No honorable exhibitor should think for a moment of passing off other people's stock for his own. It is equally reprehensible or more so to extract disqualifying plumage or to paint out objectionable coloring. Let's be honest! Let's be men!

POULTRY ON THE FARM

WRITTEN FOR THE INDUSTRIOUS HEN
BY AN OLD FARMER

FARM NOTES

Don't forget to make your hens work for all they eat. Exercise keeps them healthy and vigorous. The scratching hen is the laying hen.

Let your fowls to green food in the morning. That is the time they like to have it. Did you never notice how zealously they pasture on the bluegrass around the house at every opportunity.

If your are in the poultry business right, it is not too early to begin planning for your breeding pens for the next season. Yard space and runs should also be considered.

You should think of quality rather than quantity. Nearly anybody can hatch out a promiscuous lot of chickens. To have such as will sell for good money is "a horse of another color."

There is still a chance to get rid of those fat old hens that have abandoned the laying habit. Put them on the market at a good price just before Christmas.

Don't you think turkeys would pay you? Suppose you try a trio anyway. If you do they ought to be purchased very soon, so they will settle down and feel at home before the laying season opens.

And now we hope our readers are going to enjoy the holidays. A good conscience and work well done will greatly assist you. A merry Christmas and a happy New Year to all.

TO SUCCEED WITH FARM POULTRY

Keep none but pure-bred fowls. Then their eggs will sell for either fancy or commercial purposes. Get as good stock to begin with as you can afford.

Make egg production your prime object and work in other features as demand arises. The greatest demand is for eggs, especially during the winter and early spring.

Sell only fresh and clean eggs and sort them according to size and color. This is the way to please your customer and save the middleman's profits. Cut off all customers at once who do not give your price and pay promptly.

Of course you will have some fowls for sale. Some broilers, perhaps also some old hens for the fall market, and cockerels in the spring for breeding or for general market.

Trios of breeding stock may also be sold when the demand in that line justifies and a surplus has accumulated.

In marketing, everything must be in first class condition and calculated to render perfect satisfaction to the customer.

WHAT GRANDMA SAYS

What did I say? Why, I said nothing. Quit talking and go to work if you want to succeed in the poultry business.

Fernent talking, all I've got to say is that there's too much of that sort of business going on in the wo'd. What I like is to get down to silent work where every lick counts.

The crowing hen is one that I set no stakes on. Every time, I take the ore that sits silent and still on her nest all day long. She brings off the most chicks in the end.

With Thanksgiving over, the next thing is to be ready for Christmas. Give the old gobblers more corn, and get those young turkeys fat and ready for the spit without delay.

No, you don't want a nervous, fussy hen. She will break more eggs and trample more chicks to death than she ever was, or ever will be, worth at any time.

Instead of a "little lamb" they now say it was a little hen that Mary had, and I am told that it not only kept the wolf from the door but also lifted the mortgage from the farm!

ABOUT VIGOR IN FOWLS

What a hen gains in abnormal productiveness she and her progeny must generally pay for with a loss in constitutional vigor.

So much more is now demanded of our poultry that a loss of vitality in offspring necessarily ensues unless the mating of strong individuals is closely attended to.

Building up a strain of poultry is not the work of a day or a year, but of many years. To do anything worth while, takes time.

For a hen to sing and a cock to show gallantry and generosity towards the opposite sex, are sure signs of constitutional vigor.

Any specimens of a flock that show weakness should be carefully eliminated from the breeding pens. All breeders should be vigorous.

Fowls lacking in physical vigor are slow about coming from the roost and among the first to return, besides being inactive and "dopy" during the day.

Lack of constitutional vigor is seen in slender body and slim neck, legs, bill, and other features. The vigorous head is short and broad.

WISE WORDS BY UNCLE BEN

Somebody called the hen an egg machine. This is not correct. A machine has no choice but a hen has. The number of eggs she lays depends upon her will.

You ask for proof? Well, leave all the eggs a hen lays in her nest and when the number reaches 12 or 15, your hen will become broody and quit laying. Would a machine do that?

Nor is that all. If you take a laying hen and place her in a new yard she will stop laying, no matter how many eggs are under way in the ovary.

No matter how well fed the hen is, or how many eggs are in process of production in the ovary, if anything occurs to discompose her mental serenity, she stops the laying process.

So if you want to get plenty of eggs from a hen you must work on her susceptibilities as well as furnish food and care, for the hen is not an insensate machine.

There were big laying hens nearly 2000 years ago. Pliny tells us in his Natural History that some hens then laid an egg a day, and others even two eggs a day. Some were so prolific as to die from exhaustion.

Pliny also observed that pullets laid more eggs than older hens though their eggs were smaller. Though hens laid as rapidly then as now, they seem not to have continued so long, for sixty eggs seem to have been the limit for one season.

In more recent times Buffon claimed that a hen would, under favorable circumstances, lay one hundred and fifty eggs in a year, besides bringing up two broods of chickens.

ABOUT DUCKS

Why don't farmers raise more ducks? They make a dish scarcely second to turkey, and they are quickly raised.

A sufficiency of water is necessary for ducks, but no large ponds or streams. Most of the country is sufficiently watered for ducks.

Don't feed whole grain to ducks and especially whole corn. They must have meat scraps or something to take its place. On the range it is insects, worms, and water life.

Young ducks should have from four to six per cent of sand in their mash for the sake of digestion. Without it they cannot thrive if kept in confinement.

Ducks are but little troubled with disease. This is another great point in their favor. While other fowls die they grow right on in vigorous health.

In raising ducks, choose a breed to fit the purpose you have in view. Indian Runner ducks should be chosen for layers. They have been called the Leghorns of the duck family.

POULTRY EXHIBIT AT THE VIRGINIA STATE FAIR

WRITTEN FOR THE INDUSTRIOS HEN BY J. M. BELL, SHIRLEY, VA.

That the Virginia Poultrymen are making rapid progress along all lines was amply evidenced by the splendid lot of birds of all breeds exhibited at the Virginia State Fair, held at Richmond October 9. There were about 1,750 entries, embracing practically all breeds and varieties of fowls, notable among these being the Virginia Wild Turkeys and the Mexican Wild Turkeys exhibited by R. L. Blanton, of Farmville, Va. This exhibit was a rare treat, and one not often seen in a show room.

The largest classes in chickens were the exhibits of White Wyandottes, White and Brown Leghorns, White Orpingtons, Barred Rocks, R. I. Reds and Pit Games, although the other classes were well represented. The Mammoth Bronze and White Holland Turkeys, as usual attracted much attention, and the fine exhibits of ducks, geese and other water fowls were much admired.

It would take up quite a lot of space, in fact many pages of your valuable paper, to give a detailed account of this, the greatest show of the kind ever held in the State.

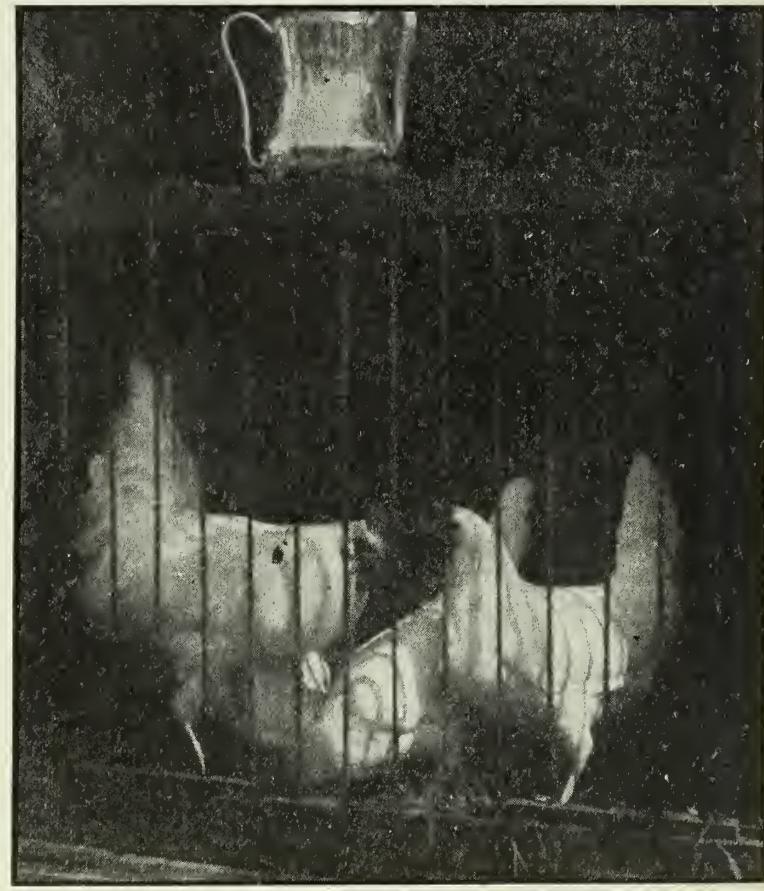
A. J. Warren, a well known member of the Virginia Poultry Association, was superintendent of the show and W. T. Whitman, of Pennsylvania, judged the birds.

The fourth annual exhibition of the Virginia Poultry Association will be held in Richmond, January 18-19. This also promises to be a big show, and judging from the splendid exhibits at the recent State Fair, it will be a great success.

AWARDS.

Anconas—G.E.Guvernator, Richmond, Va., 1ck; 4,5hen. C.L. Shenk, Luray, Va., 1,2,3hen; 1,2ckl; 1,2pul. *Lt. Brahma*s—G.E.Guvernator, 1ck; 1,3,4hen. L.T. Webster, Barton Heights, Va., 2ck; 2hen; 1ckl; 1pul; 1pen. *Buckeyes*—Q.G.Eddins, 1pen old; 1pen young. *Blk. Langshans*—G.E.Guvernator, 1,2,3ck; 1,2,3hen; 1,2pul; 1,2,3pen. W.C.Todd, 1,2ckl; 3,4,5pul. *S. C. Brown Leghorns*—L.E.Myers, Richmond, Va., 1ck; 3hen; 2,5ckl; 1pen old. H.M.Wilkerson, Richmond, Va., 2ck; 3ckl; 3pul. A.J.Warren, Richmond, Va., 3ck; 1,2hen; 1,2pul. J.W.Snellings, Manchester, Va., 1,4ckl. Geo.E.Wray, Richmond, Va., 4ck; 5 hen. *R. C. Brown Leghorns*—J.H.Hume, Williamsburg, Va., 1ck; 1ckl; 1pen. *S. C. Buff Leghorns*—G.E.Guvernator, 1,2,3ck; 1,2,3hen; 1,3pen. *S.C.W.Leghorns*—Grundy & Son, Richmond, Va., 1ck; 1,5ckl; 1,4,5pul. J.Wallace Snellings, 2ck. A.J.Warren, 1pen old, 1pen young. Mrs. M.L.Burton, Richmond, Va., 3ck; 1,2hen; 2ckl; 2pul; 2pen old; 3pen young. Williamson Farm, Mattoax, Va., 5hen; 4pen old; 2pen young. Chas.F.Cross, Richmond, Va., 4hen; 5pen young. W.R.Todd, Richmond, Va., 4ck; 3ckl; 5pen; 4pen young. *R.C.W.Leghorns*—G.E.Guvernator, 1,2pen. *S. C. Blk. Minorcas*—J.W.Snellings, 1,2,3ck; 2,4,5hen; 1,2,3ckl; 1pul; 1pen old. Chas.F.Cross, 4ck; 1pen young; 2pen old. J.A.Ellett, Beaver Dam, Va., 1,3hen. W.T.Drummond, Ebony, Va., 2,3,4,5 pul. *White Orpingtons*, Mrs.L.C.Catlett, Gloucester, Va., 1,3,4ck; 1,4hen; 2,3,4ckl; 1,2,4pen young. G. B. Mountcastle, Barton Heights, Richmond, Va., 2ck; 2pen old. F.S.Bullington, Richmond, Va., 5ck; 2,3hen; 1ckl; 1pul; 1pen old; 3pen young. Mrs.Mabelle Truran, Louisa Poultry Farm, Trevilians, Va., 5ckl; 3,4,5pul. Crudup Poultry Yds., Richmond, Va., 5hen. *Buff Orpingtons*—Walter Schaaf, Richmond, Va., 1,2,3ck; 5hen; 1,2ckl; 1pen old; 3pen young. Crudup Poultry Yds., 1,3,4hen; 4,5ckl; 1,2pul; 2,4pen young. L.M.Ellis, Richmond, Va., 1ckl; 1pen young. *Barred P. Rocks*—G.E.Guvernator, 1ck; 3ckl; 1pen old. J.O.Allwood, Manchester, Va., 4,5ck. Geo.H.Moss, Burke's Garden, Va., 2ck; 3ckl. J.Wallace Snellings, 5pul. L.E.Myers, Richmond, Va., 2hen; 2pen old. Withers Burress, 1,4,5hen; 3pen. Mrs. ClaraL.Smith, Croxton, Va., 1pen young. *W. P. Rocks*—Geo.H.Moss, 1hen; 1ckl; 1pul; 1pen young. DruryB.Baskerville, Salem, Va., 1ck. G.E.Guvernator, 2,4,5hen; 1pen old. *Silver Penciled P. Rocks*—D.W.Jardine, Staunton, Va., 1ck; 2,4hen; 1,2,3ckl; 1,2,3pul; 1pen young. G.E.Guvernator, 1,3,5hen; 1pen old. *Buff P. Rocks*—D.W.Jardine, 1ck; 5hen; 1,2,3ckl; 1,2,3pul; 1pen young. G.E.Guvernator, 2,3,4ck; 1,4hen; 1pen old. *R.C.R.I. Reds*—John Campbell, Beaver Dam, Va., 3ck; 2,3hen; 4ckl; 3pen young. W.D.Sydnor, Ellerson, Va., 2ck; 1hen; 2,3ckl; 2,3pul; 1pen old; 2pen young. Williamson Farm, 1ck; 1ckl; 1pul; 1pen young. DruryB.Baskerville, 4ck; 4hen. *S.C.R.I. Reds*—Ellerson Poultry Farm, Ellerson, Va., 1,2ck; 1,2hen; 1,2ckl; 3,5pul. D.W.Jardine, 4ck;

John Herald, Richmond, Va., 5ck. W.C.Todd, Richmond, Va., 5ckl; 5pul. Joe Litchfield, Glen Ailen, Va., 3ck; 5hen; 1ckl. M.Hicks, Richmond, Va., 4pul; 3pen young. G.E.Guvernator, 2pul; 3,4hen. F.W.Dabney, Richmond, Va., 3,4ckl; 1pen old; 2pen young. G.B.Mountcastle, 1pen young. *Mammoth Bronze Turkeys*—O.L.Ligon, Sabot, Va., 2ck; 2hen. Mrs. R.E.Wilhoit, Summerset, Va., 1ck, 1hen. *White Holland Turkeys*—W.W.Thomas, Catlett, Va., 2ck; 3hen. R.R.Taylor, Beaver Dam, Va., 1ck; 1hen. J.F.Dunston, 3ck; 2hen; 1ckl; 1pul. *Silver Laced Wyandottes*—Ellerson Poultry



White Leghorns exhibited by A. J. Warren, Richmond, Va., at Virginia State Fair.

Farm, 1,2ck; 1,2pul; 1,2pen young. G.E.Guvernator, 3ck; 1,2,3hen. DruryB.Baskerville, 4ck; 4hen. R.O.Burger, Richmond, Va., 3pen young. *Golden Wyandottes*—G.E.Guvernator, 1ck; 1,2,3hen; 1,2,3pul. *White Wyandottes*—R.O.Burger, 3ck; 1,3hen; 3pen old. W.W.Thomas, 5hen; 3,5ckl. Standard Bred Poultry Farm, Burke's Garden, Va., 4hen; 2ckl; 1pul; 1pen old; 2pen young. R.R.Taylor, 1,2ck; 4ckl; 4pul; 4pen old; 3pen young. J.F.Dunston, Lorraine, Va., 1ckl; 2pul; 2pen old; 1pen young. Grundy & Son, 3pul. G.B. Mountcastle, 4pen young. *Columbian Wyandottes*—J.W.Brisser, Manchester, Va., 1ck; 1,3,4hen; 2,3,4pul; 1pen young. G.E.Guvernator, 2,5hen. Geo.H.Moss, 1ckl; 1pul. *Partridge Wyandottes*—O.L.Ligon, Sabot, Va., 1ck; 3,4hen. G.E.Guvernator, 1,2hen; 1pen old. Ellerson Poultry Farm, 1,2ckl; 1,2,3pul. *Silver Penciled Wyandottes*—G.E.Guvernator, 1,2,3hen; 1pen old. *Buff Wyandottes*—J.O.Allwood, 1ck; 1hen.

HATCHING CHICKS

The time for hatching chicks has not arrived, but we may begin to think about it and get ready in proper season. Of course, much depends upon our latitude. In the far South, hatching may go on all winter. Where we have real winter, our first flock should come off about the time when the first flowers bloom, or when the days are warm enough to begin gardening. You don't want to be in too big a hurry. Being too early is perhaps worse than being too late. Little chicks have a poor knack of standing cold weather.

It Cures or Costs Nothing

Money back for the empty box if it fails. That's the iron-clad guarantee that goes with

Conkey's Roup Remedy

recognized everywhere for years as the one reliable remedy for this dreaded poultry disease. No poultry owner should be without it. A thimbleful in the drinking water and the fowls eagerly drink and cure themselves. Give the well fowls a little occasionally; it will tone them up and prevent disease.

Conkey's Poultry Book

New 1910
Enlarged Edition

FREE

Send for your copy at once. The enormous demand is rapidly exhausting the edition. We want to place a copy in the hands of every owner of fowls.

Facts From Men Who Know

This book does not deal in theories or opinions. It gives you facts—the result of the experience of men who have spent years in the raising, care and handling of poultry. It contains instructive articles on Housing, Feeding, Egg Production, Breeding, Care in Sickness and Health, and hundreds of other things you ought to know.

It's Absolutely Free Simply send name of the man from whom you buy poultry supplies, with 4c in stamps to cover postage, and a copy will be sent at once. **DO IT NOW**, or you may be disappointed. [10]

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White Holland Turkeys

Winners at America's leading shows. Write me for price on young and old stock. 100 fine birds for sale, the kind that win.

LEN CRESSWELL,
R. 2,
FAIRLAND, IND.

MAMMOTH BRONZE TURKEYS**BARRED PLYMOUTH ROCKS****Mammoth White Pekin Ducks**

Old and young stock of all for sale. Young Turkeys from pens 1 and 2, headed by "Daniel Boone", 1st prize cockerel, Louisville Show, Jan., 1909, and "Jonah", 1st prize cockerel at Tenn. State Fair, Sept., 1908, also Diploma from A. P. A. Prize-winning females.

MRS. W. J. LANDESS
R. F. D. 5, FAYETTEVILLE, TENN.

106 Mammoth Bronze Turkeys For Sale

What every breeder wants is large size and fine plumage combined; that is what I have in this flock. Line-bred for ten years, but not inbred, with blood of Goliath, weight 48 lbs at 19 months of age, score 97 1/2 pts., won six prizes in one season. Jumbo Jim won second prize at St. Louis, World's Fair, weight 47 pounds at 18 months of age. Southern Prince, a son of Goliath and grand son of Jumbo Jim, score 97 1/2, weight 50 pounds at 19 months of age. This line of breeding cannot be beat, so order early and get best birds and best prices. I also carry B. P. R. chickens of best prize winning strain. Satisfaction guaranteed as represented. Correspondence solicited from old and new customers. Address, MRS. J. C. SHOFNER.

BOONEVILLE POULTRY YARDS, R. F. D. NO. 1., MULBERRY, TENN.

TURKEY TALK

Address all Inquiries to

MRS. J. C. SHOFNER, MULBERRY, TENN.

Demand for Turkeys Great

There has never been a time since I have been breeding thoroughbred turkeys when there was such a demand for both the market and fancy turkey. Never have I known turkeys to sell on the market, on foot, at the price they are now selling, before Thanksgiving, in the country. Turkeys are regular mortgage lifters, because it takes comparatively nothing to raise them. Until frost has destroyed all insects, it is a 90 per cent profit, as they glean the fields, for grass seed and scattered corn; the pastures for acorns and nuts of all kinds, finding all living insects as they travel. I consider turkeys a benefit to farmers in more than getting the money at selling time, because they destroy insects that destroy the growing crops. There is no better remedy for the army worm than a flock of turkeys, or guineas.

I have never bred any other breed than the Mammoth Bronze variety, and it is of them that I speak. I selected them as my favorite turkey eighteen years ago, and have found them thoroughly satisfactory. As a fancy seller we find they are the most popular and demand the best prices: as a market fowl, we find they bring more than any other breed, because of the most pounds per head. It is the rambling nature of the Bronze turkey that some people object to; but I do not find it an objection at all, if we

**60 MAMMOTH BRONZE
TURKEYS FOR SALE**

Sired by 1st prize State Fair winner and out of 1st, 2nd and 3rd prize hens. None finer.

All of my Barred Plymouth Rocks for sale including prize winners at several shows. Prices reasonable. Address

**R. H. YOUNG,
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**GERMOZONE****Is the
Best Roup
Cure I Have Ever Tried**

Among the many who say that are a lot who never thought Germozone would do it. Geo. H. Lee knew what Germozone would do before he placed it on the market. It is so good that users are not tempted to accept a substitute. No one ever found anything so good. The reason is plain—Germozone has no equal.

500 HENS SAVED

A Missouri poultryman writes that 8 bottles of Germozone saved his entire flock of 500 hens from Roup. Less than one cent per hen. A Pennsylvanian writes that Germozone would be cheap at \$5.00 a box—and it will do for you what it has done for others. This advertisement is addressed to you. We want your poultry to make more money for you. We want you to recognize the importance of healthy poultry. The health of the chick or the hen is as important to it as your own health is to you. Ever stop to think about it? Perfect health is necessary for positive profit. Try Germozone and test every statement made here. No need to buy a substitute. If your dealer cannot supply you we will mail it to you, postpaid, on receipt of price—50 cts.—and will include free a copy of "Chicken Talk," written by Mr. Lee himself.

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General Agents in all principal cities. Write for name of one nearest you.

Germozone is a tonic; a bowel regulator. Not an infallible cure for every disease of poultry, but admittedly the best preventive and cure for all poultry diseases.

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Trio—2 hens and a cockerel—
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Turkeys bred from prize birds for ten years. They win wherever exhibited. Chickens sired by a Nashville winner.

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Buff or Black carrying the blood of
CHAMPIONS

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EXCLUSIVELY
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WYANDOTTES FOR SALE

Jan. and Feb. Hatched

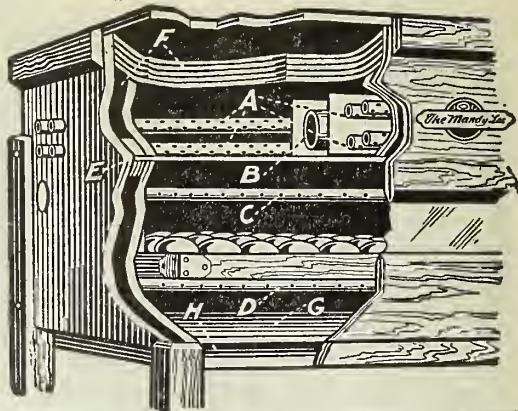
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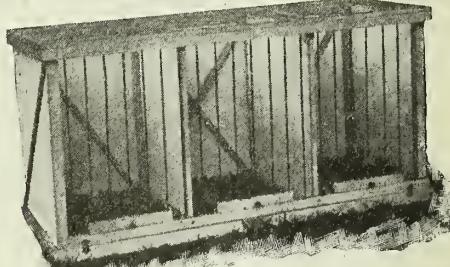
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EGGS \$1.50 PER 15.

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Get our samples and prices before buying. Largest and best line on earth.
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Address, CANDOR SALES CO., Candor, N. C., U.S.A.

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At Tri-State Fair, Memphis, on S. C. Brown Leghorns: 1st, 2nd cock; 1st, 3rd hen; 2nd, 3rd cockerel; 1st, 2nd pullet; 1st pen. On Columbian Wyandottes, 2nd cock; 1st hen; 1st cockerel; 1st and 2nd pullet; 1st pen. Still have a few good breeders left that must go at once, and will sell cheap to move them. Guaranteed fertile eggs at all times.

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That will make fine breeders and fit to show in hot competition. Cockerels and Pullets \$2.50 to \$5.00 each. Choice high scoring show birds a matter of correspondence. The best Northern blood is in my birds. They speak for themselves. Many have been well pleased, you can also be.

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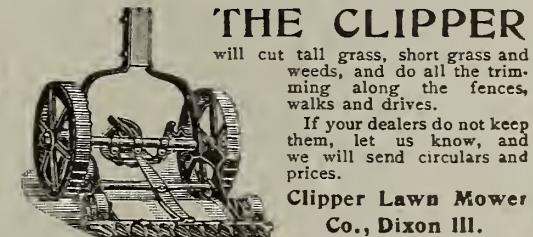
feeding. If we want show birds or market fowl, they soon fatten. We all want all the pounds we can get on them as market fowls, but I never sell any but the culs on the market, and they usually go as soon as I can get them fat, and I think the market price is sufficient. But I will not sell a cul as a breeder at all, because I cannot enjoy the pleasure of a pleased customer who will breed from culs. The most pleased customers are those who want the largest, finest birds in the flock. Turkeys this year are very scarce, owing to the extreme wet weather in the spring; but the scarcity only makes the demand greater.

Advance in price on the market will stimulate others to want larger stocks and better stock another season; but my idea is, the earlier we select our breeders this season, the more fortunate we will be, because if we wait until spring, some of us are sure to be disappointed, and may get some graded mongrels or culs that have been kept over for such demands. I have never been able yet to supply all my customers, as some people will write early and get prices, then wait until January or February to order. Many times their checks are returned because I haven't the birds.

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S. C. White Leghorns and Barred Rocks cap the climax in quality. They stand the test. They are here to stay. They have the record. Don't experiment with other breeds.

STRICKLER'S PINEYWOODS POULTRY FARM
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**FOR SALE**
S. C. BROWN LEGHORNS

The 1st prize Cock that was advertised "For Sale" is sold at a good price. If you want a rushing trade, advertise in **THE INDUSTRIOUS HEN**.

I have a nice lot of young stock that will be ready to ship October 1st, and some yearling stock. Circular free.

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\$7.55
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Ever Made**\$4.50 Buys the Best Brooder**

Both Incubator and Brooder, ordered together, cost but \$11.50. Freight Prepaid. The Belle City Incubator has double walls and dead air space all over, copper tank, hot-water heat, self-regulator, thermometer, egg tester, safety lamp, nursery, high legs, double door. The Belle City Brooder is the only double-walled brooder made, hot-water heat, platform, metal lamp. No machines at any price are better. Write for our book today, or send the price now under our guarantee and save waiting.

Satisfaction Guaranteed
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BUYS THE BEST

We ship quick from St. Paul, Kansas City, Buffalo or Racine

NOW

If you want some nice cockerels in S. C. Rhode Island Reds and Black Minorcas, send me your order. Two and three dollars each. These are May hatched birds and well worth the price.

Buttercup eggs, \$2.00 for 15.

Barred Minorcas \$5.00 per 15.

Now is the time to get started with these two new breeds. They are winners.

C. S. TAIT**BRUNSWICK, - - GA.****WHITE WYANDOTTE COCKERELS FOR SALE**

Including 2nd at Birmingham, 5th at Augusta. A few **MAMMOTH PEKIN DUCKS**, including 1st Cockerel at Nashville, 1st and 2nd at Birmingham.

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PRICES TO MEET ALL COMPETITION
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Yearling Hens, Good Shape and Color. \$1.50 each

Good breeding cockerels \$2.00 each. I have a few Exhibition Birds that it will pay you to get prices on.

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Good Color and Shape

\$2 to \$10

CRESCENT POULTRY YARDS

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White Plymouth Rocks—R. D. Robinson, White Hall, S. C., 3, 5 ckl. W. L. Wittich, Pensacola, Fla., 5 pul; 4 pen, Jno. M. Karwisch, Atlanta, Ga., 4 ckl. S. C. Ebbets, Gadsden, Ala., 3 pen. J. C. Ferris, Augusta, Ga., 4 ck. M. C. Jones, Augusta, Ga., 3 ck; 1 ckl; 3 hen; 2, 3 pul; 1, 5 pen. J. Willie Levy, Augusta, Georgia, 1, 2 ck; 2 ckl; 1, 2, 5 hen; 1, 4 pul; 2 pen. A. J. Nickols, Greenville, S. C., 5 ck; 4 hen.

Buff Plymouth Rocks—Oakland Poultry Yards, Veteran, Fla., 5 ck; 1 hen; 3 pen. G. N. and B. K. McInnes, Charleston, S. C., 1, 3 ckl; 5 hen; 1, 2 pul. W. A. Herman, Augusta, Ga., 2, 4 ck; 2 hen; 5 pul; 1 pen. C. T. Fallin, Greenville, S. C., 1, 3 ck; 2, 4, 5 ckl; 3, 4 hen; 3, 4 pul; 2 pen.

White Wyandottes—C. L. Hughes, Augusta, Ga., 5 pul. Ryerson S. Guess, Augusta, Ga., 2, 3 ck; 2, 3, 4 ckl; 1, 3, 4 hen; 2 pul; 1, 2 pen. M. P. Morris, Atlanta, Ga., 1 ck; 1 ckl; 2 hen; 1 pul; 4 pen. Oliver Rutherford, Eutaw, Ala., 5 ckl. Miss Dorothy Fields, Florence, S. C., 5 ck; 3 pul. Yates Bros. Greenville, S. C., 3 pen. Rev. R. W. Trippinupines, Lowndeville, S.C., 4 pul. Des Rena Poultry Yards, Greenville, S. C., 4 ck; 5 hen.

Columbian Wyandottes—A. Bindewald, Augusta, Ga., 3, 4 ck; 3 ckl; 4, 5 hen. Ryerson S. Guess, Augusta, Ga., 1, 2 ck; 1 ckl; 1, 2 hen; 1, 3, 5 pul; 1, 2 pen. S. Homer Fowler & Co., Excelsior Springs, Mo., 3 hen. Sturtevant Bros. Kushla, Ala., 5 ck; 2 ckl; 2, 4 pul; 3 pen.

Silver Laced Wyandottes—H. H. Verdery, Augusta, Ga., 1 ck; 1, 2 ckl; 1 hen; 1, 2 pul; 1 pen.

Buff Wyandottes—H. H. Verdery, Augusta, Ga., 1 ck; 1, 2 ckl; 1, 2 hen; 1, 2 pul.

Buff Columbian Wyandottes—A. Bindewald, Augusta, Ga., 1, 2, 3 hen.

Partridge Wyandottes—Herbert M. Morse, Tullahoma, Tenn., 1 ck; 3 hen. Dr. W. H. Fields, Florence, S. C., 2, 3 ck; 1, 2 ckl; 1, 2 hen; 1, 2 pul; 1, 2, 3 pen.

S. C. Rhode Island Reds—Jas. M. Frank, Nashville, Tenn., 4 ck; 3 ckl. Dr. T. M. Charlooch, Charleston, S. C., 3 pul. R. E. Ware, Shelby, N. C., 4 ckl. Chas. A. Dobbs, Gainesville, Ga., 3 ck; 4, 5 hen. T. W. Martin, Decatur, Ga., 1, 2 ck; 1, 2, 3 hen; 1 pul; 1 hen. Mrs. Frank G. Davis, Nashville, Tenn., 2 ckl; 2, 4, 6 pul; 3 pen. Dr. W. C. Miller, Augusta, Ga., 2, 4 pen. Wm. A. Thompson, Pickens, S. C., 5 pen. Robt. Seaman, Jericho, N. Y., 1, 5 ckl.

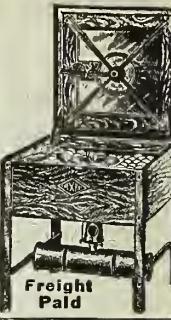
R. C. Rhode Island Reds—Macon A. Green, Columbia, Tenn., 1 ck; 1, 2, 3, 4, 5 hen; 1, 2, 3 pul.

Buff Orpingtons—Jno. L. Alley, Midway, Ala., 8 ckl; 3, 4 pen. I. N. Hargroves, Augusta, Ga., 2 ck; 5 hen. J. P. Layfield, Columbus, Ga., 1, 3 ck; 1, 2 ckl; 1, 2 pen. Herbert C. Henderson, Talladega, Ala., 4 ckl; 3 hen; 3, 5 pul.

White Orpingtons—Chas. A. Dobbs, Gainesville, Ga., 1 ck; 1, 2 ckl; 1, 2, 3, 4 hen; 1, 2 pul.

S. C. White Leghorns—Miss M. E. Carwile, Ridge Spring, S. C., 1 ck; 1

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Imported strain, rich golden buff throughout, up to weight. Mine are winter layers, and win the Blue. Eggs \$2.00 per 15. Stock a matter of correspondence.

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Trap nests used. Every pen headed by a male hatched from an egg laid by a hen that laid not less than 200 eggs that year.

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Same quality
Stock for sale. Eggs in season.
Circulars free.

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10 pullets and hens, headed by a Charleston '08, Cockerel. Eggs from Best Strains of

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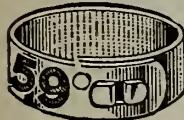
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Farm Raised and of the very best blood in the South. Stock for sale.

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CHEAPEST AND BEST
12 for 15c; 25-25c; 50-40c; 100-75c.
Sample Band Mailed for 2c Stamp.
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ckl; 2, 3 hen; 2 pul; 1 pen. Geo. J. Gray, Carrollton, Ga., 4 ckl; 3 pul. Geo. R. Tommins, Augusta, Ga., 4, 5 ck; 2 ckl; 1 pul; 4 pen. Beallwood Poultry Farm, Columbus, Ga., 2 ck; 3 ckl; 1 hen; 5 pul; 2, 5 pen. Jno. F. Childress, Sweetwater, Tenn., 3 ck; 5 ckl; 4, 5 hen; 4 pul; 3 pen.

S. C. BROWN Leghorns—Sturtevant Bros. Kushla, Ala., 1, 3 ck; 1, 4 ckl; 2, 5 hen; 4 pul; 2 pen. J. C. Ferris, Augusta, Ga., 2 ck. Dr. H. T. Boyd, Sweetwater, Tenn., 4, 5 ck; 2, 3, 5 ckl; 1, 2, 3, 4 hen; 1, 2, 3, 5 pul; 1 pen.

Black Leghorns—J. W. Killingsworth, Augusta, Ga., 1, 3 ck; 2, 3 ckl; 2, 3 hen; 3 pul. Miss Catherine Walsh, Augusta Ga., 2 ck; 4 ckl. David S. Mangham, Augusta, Ga., 1 ckl; 1, 4 hen; 1, 2 pul.

R. C. Minorcas—Miss Catherine Walsh, Augusta, Ga., 1 pul. J. W. Killingsworth, Augusta, Ga., 2, 3 ck; 1, 2 ckl; 2 hen; 1 pul. C. H. Ledford, Atlanta, Ga., 2 ck; 1 ckl; 1, 4 hen; 1, 2 pul; 1 pen. Alonzo Hall, Talladega, Ala., 5 ckl; 3 pul. R. R. Paine, Charleston, S. C., 1 ck; 2, 4 ckl; 2, 3 hen.

Light Brahmans—Frank L. Smith, Lexington, Ky., 1 ck; 1, 2 pen; 1, 2 pul.

Buff Cochins—C. W. Best, Charlotte, N. C., 1 pen.

Black Langshans—J. H. Milligan, Augusta, Ga., 1 ck; 1 pul; 1, 2 pen. Dr. T. M. Sharlooch, Charleston, S. C., 1 ckl; 2 pul, 2, 3 pen.

Cornish Indian Games—Chas. N. Biggins, Augusta, Ga., 3 pen. L. F. Verder, Augusta, Ga., 1, 2 pen. Dr. T. M. Sharlooch, Charleston, S. C., 1 ck; 1 ckl; 1 hen; 1 pul.

SPECIALS.

R. S. Guess, Atlanta, Ga., won silver cup for best fifteen birds of one variety owned by one exhibitor; silver cup for best bird in show, any variety; \$5 in gold for best hen; silver cup for best White Wyandotte; silver cup for best pen Columbian Wyandottes. Dr. F. Newhall, Augusta, Ga., won \$25 in gold for best display of white birds in show. Dr. S. T. Fairbank, Utica, N. Y., won \$5 in gold for best cockerel in show, \$5 for best pullet; silver cup for second largest exhibit from longest distance. Dr. W. C. Cleckley, Augusta, Ga., won silver cup for best cock; No 0 Cornell incubator for best pen, all varieties competing; silver cup for best cock, hen, cockerel and pullet, any one variety. Jno. F. West, Graniteville, S. C., won silver cup for best pen Barred Plymouth Rocks; silver cup for best Barred Plymouth Rock cockerel. W. E. Wall, Vaucluse, Ga., won silver cup for best display Barred Plymouth Rocks. M. C. Jones, Augusta, Ga., won silver cup for best White Plymouth Rock cockerel; silver cup for best pen White Plymouth Rocks. J. W. Levy, Augusta, Ga., won silver cup for best display White Plymouth Rocks.

W. A. Herman, Augusta, Ga., won silver cup for best pen Buff Plymouth Rocks; American B. P. Rock Club cup for best cock, cockerel, hen and pullet; cash prize for best shaped Buff Rock female. C. T. Fallin, Greenville, S. C., won silver cup for best display Buff Plymouth Rocks. G. F. and B. K. McInnes, Charleston, S. C., won cash premium for best shaped Buff Rock male. Dr. W. H. Fields, Florence, Ga., won silver cup for best display Columbian, Golden, Silver or Partridge Wyandottes.

CAPON TOOLS

Prize-Winning Single Comb R. I. Red Eggs For Sale

Pen No. 1—All select first and second prize hens and pullets and first prize cock; eggs from this pen \$5.00 for 15 eggs. Pen No. 2—Headed by first prize cockerel and all third and fourth prize hens and pullets; eggs from this pen \$3.00 for 15 eggs. Pen No. 3—Headed by third prize cockerel and all goods hens and pullets; eggs from this pen, 15 eggs for \$2.00. Pen No. 4—All good breeding stock; eggs from this pen, 15 eggs for \$1.50. All orders filled in rotation as they come in.

E. R. CASH, GAFFNEY, S. C.

MOFFITT'S

Perfection Ideal Aluminum Leg Band—12 for 12c; 25 for 25c; 50 for 40c; 100 for 65c. State variety bands are for. Send two cents for sample For Poultry and Pigeons.

J. MOFFITT, Southbridge, Mass.

FEED LESS Eggs in the summer as well as winter. Let me send you my catalogue of SINGLE COMB WHITE LECHORNS.

A. P. RYLAND, The Chicken Man
Pine Hill Farm, Pine Bluff, Ark.

S. C. BROWN LECHORNS

Michael's strain are winners. Vigorous farm raised birds and persistent layers. Free Catalog. ORION E. MICHAEL, R R. No. 6, DAYTON, OHIO

BUFF WYANDOTTES EXCLUSIVELY

Carefully bred for eggs, vigor and the show. I raised 10 pullets from 13 eggs last spring. This year's mating will be fine. My best eggs cheap. Order now.

PURITY POULTRY FARM

A. W. GALLOWAY
R 6, CLEVELAND, TENN.

Only Rose Comb Rhode Island Reds

Won this year at Hagerstown, Md., 3rd and 4th pullet, 5th ckl and 1st pen. At Washington, D. C., 5th pullet, 4th ckl., 5th hen and 1st pen. Hot classes at both shows.

Eggs from best pens \$5 per 15

M. C. RICHARDSON, Jr., Front Royal, Va.

Dr. J. A. Posey, Frankfort, Ky. announces the sale of his entire lot of

BUFF ORPINGTONS to
MRS. S. C. BRIDGEWATER,
Dixon Springs, Tenn.

He has only a very few White Orpingtons to dispose of

S. C. WHITE LECHORNS

PURE WICKOFF STRAIN—The great layers Illinois State Fair, 1909: 1st and 3rd pullet, 3rd cockerel. No old birds shown. Cockerels for sale. Eggs in season. Write for prices.

CLARENCE ROOT, Springfield, Ill.

dottes. T. W. Martin, Decatur, Ga., won silver cup for best pen S. C. Rhode Island Reds; silver cup for best Rhode Island Red. Robt. Seaman, Jericho, N. Y., won silver cup for best S. C. Rhode Island Red male. Clyde Lawrence, Columbus, Ga., won \$50 cash special offered by Beallwood Poultry Farm, Columbus, Ga. Miss M. E. Carwile, Ridge Springs, S.C., won silver cup for best pen S. C. White Leghorns; silver cup for best display White Leghorns. Geo. R. Tommins, Augusta, Ga., won silver cup for best S. C. White Leghorn pullet. Dr. H. T. Boyd, Sweetwater, Tenn., won silver cup for best display Brown Leghorns. Chas. A. Dobbs, Gainesville, Ga., won silver cup for best display White or Black Orpingtons. J. P. Layfield, Columbus, Ga., won silver cup for best display Buff Orpingtons. C. H. Ledford, Atlanta, Ga., won silver cup for best pen Black Minorcas. J. H. Milligan, Augusta, Ga., won silver cup for best pen Black Langshans. L. F. Verdery, Augusta, Ga., won silver cup for best pen Cornish Indian Games. C. W. Best, Charlotte, N. C., won silver cup for best pen Asiatics. C. F. Schwenker, Red Bank, N. J., won \$10 cash for

largest collection of poultry in variety and merit; \$10 cash for largest number of birds; silver cup for largest entry from longest distance.

Many other club and ribbon specials were awarded, but for lack of space are not given here.

Awards at Dyer County Fair

Barred Plymouth Rocks—T. L. Pewitt, Dyersburg, Tenn., 1, 3 ckl; 1 pul; 2 ckl; 2, 3 pul; 1, 3 pen. W. H. Lloyd, Dyersburg, Tenn., 1, 3 ckl; 1 pul; 2 pen. Mrs. Ora M. Huie, Newbern, Tenn., 3 hen. Melton E. Magee, Dyersburg, Tenn., 3 ck.

White Plymouth Rocks—Diamond Stock Farm, Newbern, Tenn., 1, 2, 3 ck; 1, 2, 3 ckl; 1, 2, 3 hen; 1, 2, 3 pul; 1 pen.

Black Langshans—Oliver Fowlkes, Dyersburg, Tenn., 1 ck; 2 hen; 1, 2 ckl; 2, 3 pul; 1 pen. B. T. Welborn, RoEllen, Tenn., 1, 3 hen; 1 pul.

White Langshans—B. T. Welborn, RoEllen, Tenn., 1 ck; 1, 2, 3 hen; 1 pul; 1 pen.

S. C. Buff Leghorns—Oliver Fowlkes, Dyersburg, Tenn., 1, 2 ckl; 1, 2, 3 pul; 1, 2 pen.

S. C. White Leghorns—Diamond Stock Farm, Newbern, Tenn., 1 ck; 1, 2, 3 hen; 1 pen.

S. C. Brown Leghorns—B. T. Welborn, RoEllen, Tenn., 1 ck; 1 ckl; 1, 2, 3 hen; 1 pen.

Silver Laced Wyandottes—J. W. Peden, Dyersburg, Tenn., 1, 2 hen.

R. C. Rhode Island Reds—A. B. Tatum, Dyersburg, Tenn., 1, 2, 3 ckl; 1, 2, 3 pul; 1 pen.

S. C. Rhode Island Reds—Geo. W. Pierce, Dyersburg, Tenn., 2 ck; 2, 3 hen. T. W. Woodward, Dyer, Tenn., 1 ck; 1, 2, 3 ckl; 1, 2, 3 pul; 1, 2 pen.

White Faced Black Spanish—R. L. Murph, Dyersburg, Tenn., 1 ck; 1 pul.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to day for catalogue. Wilson Bros., Box 816, Easton, Pa.

**"RED-
WOOD, Jr."**

Bred and owned by McMinnville Poultry Ranch, McMinnville, Tenn.

Won 2nd at Nashville, and 3rd at Memphis, 1909.



R. C. RHODE ISLAND REDS

are the best breed for this section, because they are fine winter layers, quick growers, and the hardiest chickens yet produced.

Eggs from \$1 to \$5 per 15, according to the mating.

McMINNVILLE POULTRY RANCH
McMINNVILLE, TENN.

EGGS FOR HATCHING AND STOCK IN SEASON

From Prize Winners. Eggs \$1.50 and \$1.00. S. C. Mottled Anconas, Rhode Island Reds, Barred Rocks, Brown Leghorns. Toulouse Goose Eggs, 30 cts. each. L. M. BARRETT, Morristown, Tenn.

INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators SOLINE OIL

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,
K. & O. Ry. Knoxville, Tenn.

If you desire the best Rhode Island Reds, Rose or Single Comb

WELLINGTON REDS
will please you because they WILL WIN FOR YOU

Fine lot of young birds for sale. Tested yearling breeders. Prices right. Write for circular and price list.

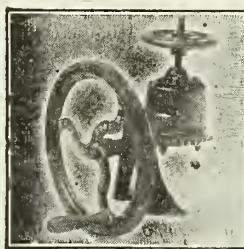
E. W. Phillips, Box R., Wellington, O.

WHITE ROCKS
S. C. W. LEGHORNS

High scoring and utility that lay. Cheap if taken at once.

DIAMOND STOCK FARM
R. 2, NEWBERN, TENN.

\$5 Will double your egg yield with the use of a



FRIIS Green Bone Cutter

Low in price yet a high-grade machine. Send for free catalogue.

N. P. FRIIS & SONS.
Box 110, Racine, Wis.

CHICKS DAY OLD CHICKS SHIPPED ANYWHERE BY EXPRESS **CHICKS**
10c EACH. EAST CHARLOTTE POULTRY YARDS
CHARLOTTE, N. CAROLINA

Send for HOPE'S Holiday Jewelry Catalogue

Profusely illustrated. It's free on request. Shows the very latest ideas in Fine Jewelry, Tennessee Pearl Jewelry, Watches, Gems, Sterling Silver Novelties, Flatware and Hollowware, Libbey Cut Glass, Rookwood Pottery, Pickard China and other fine Gift Wares.

WEDDING INVITATIONS, Announcements, Cards, Stationery, richly and correctly engraved in our own plant. Send for samples and prices.

JEWELERS
EST. 1868

HOPE BROS. 519 Gay Street
KNOXVILLE, TENN.

Barred and White Plymouth Rocks

For the Fancy and Utility, without a superior. Barred Rock Pullets and a few choice White Rock Cocks and Cockerels for sale. Day old chicks \$12.50 per 100.

Grand Litter Collie Pups for sale.

SANFORD McFERRIN
R. F. D. No. 5 SPRINGFIELD, TENN.

CHICKEN THIEVES AND PIT BULL TERRIERS

Can't run together. The best strain of dogs anywhere.

HARRY CALICOTT, - - - - - **Coldwater, Miss.**

Awards at Greenville, Miss.

White Wyandottes—W. C. Taylor, Jackson, Miss., 1 ck; 1 hen; 2 ckl; 1 pul; 1 pen; special on best pen. Miss Louise Buckner, Leota, Miss., 2 hen. Southern Poultry Yards, Vaiden, Miss., 1 ckl; 2 pul. Mrs. J. E. Heidt, Greenville, Miss., 2 ck; 3 ckl; 3 pen. L. V. Craft, Greenville, 3 hen; 3 pul; 3 pen.

Barred Plymouth Rocks—J. A. Rogers, Amory, Miss., 2 ckl; 2 pul. H. T. Ireys, Greenville, Miss., 1, 3 pen; best pen. A. M. Shelby, Greenville, Miss., 2 pen. W. W. Boyd, Greenville, Miss., 1 ckl; 1 pul.

White Plymouth Rocks—Dr. J. D. Smythe, Greenville, Miss., 1, 2 ckl; 1, 2 pul.

Rhode Island Reds—A. J. Montgomery, Madison Station, Miss., 2 ck; 2 hen; 2 pul; 1, 2 and best pen. *Cherry Red Poultry Yards*, D. E. Macgowan, prop., Memphis, Tenn., 1 ckl. E. F. Anderson, Clinton, Miss., 1, 3 ck; 2 ckl; 1, 3 pul; 2 pen.

White Leghorns—W. C. Taylor, Jackson, Miss., 1 ckl; 1 pen; best pen. J. M. Lee, Jr., Greenville, Miss., 2 ckl; 2 pen.

Brown Leghorns—S. A. Montgomery, Greenville, Miss., 1, 2 pul; 1 ckl.

Buff Leghorns—H. T. Ireys, Greenville, Miss., 1, 2 ckl; 1, 2 and best pen.

Silver Laced Wyandottes—A. M. Shelby, Greenville, Miss., 1 pen. S. A. Montgomery, Greenville, Miss., 1 ckl; 1 pul.

White Orpingtons—S. B. Street, Jr., Columbus, Miss., 1, 2 ck; 1, 2 hen; 1, 2 ckl; 1, 2 pul.

Single Comb Buff Orpingtons—J. H. Robb, Greenville, Miss., 1, 2 ck; 1, 2 hen; 1, 2 pul; 1, 3 and best pen. Mrs. B. B. Payne, Winterville, Miss., 2 pen.

Blue Andalusians—Will Jones, Greenville, Miss., 1, 2 pul.

Mammoth Bronze Turkeys—Delta Oil Mill, Greenville, Miss., 1, 2 hen.

Mrs. Shofner as a Winner

At the Alabama State Fair, Birmingham, Ala., Mrs. J. C. Shofner won on Mammoth Bronze Turkeys, 1st cockerel, 1st hen, 1st pullet—four firsts on four entries—also specials for best display, largest hen, and best young pair.

Licensed A. P. A. Poultry Judges

Name and address will be printed under this head one year for \$2.

F. J. Schocke, R. 5 Salem, Ind.
J. C. Clipp, Saltillo, Ind.
S. T. Campbell, Mansfield, Ohio.
T. L. Bayne, Knoxville, Tenn.
S. B. Johnston, Fairland, Ind.
J. E. Gault, Chippewa Lake, O.

Dr. Lasley as a Winner

Dr. J. W. Lasley, of Burlington, N. C., entered eighteen birds at the recent Central Carolina Fair at Greensboro, and in competition with winners from all over the country, he won nine first and eight second prizes besides a number of specials, his total winnings exceeding those of any other exhibitor. Dr. Lasley has an ad in this issue. Write him and get some of his most excellent stock.

The Rutherford, N. J., Poultry, Pigeon and Pet Stock Association will hold their tenth annual show January 13-15. Entries close January 1. R. H. Wilcox, Sec'y. Hasbrouck Heights, N. J.

CHOICE POULTRY YARDS

We have selected 10 high scoring cocks and cockerels, 40 high scoring hens and pullets of each breed, hatched from our prize winners—S. C. Brown and White Leghorns, Rose and S. C. Rhode Island Reds White Wyandottes, Buff Plymouth Rocks and Buff Orpingtons. These birds are the pick from our 1000 crop, and are fine enough for any show and good enough for the most fastidious breeder. Our prices are reasonable for these fancy birds. We have not the room to properly house more birds, therefore, we are selling the remainder of our flock as utility quality at utility prices. These are fine stock, being hatched from the same parents as the fancy ones. Give us your orders for show birds, fancy breeders and for utility stock. We guarantee satisfaction or refund your money.

J. P. SWIFT & SON, Waynesville, N. C.

McINNES' BUFF ROCKS

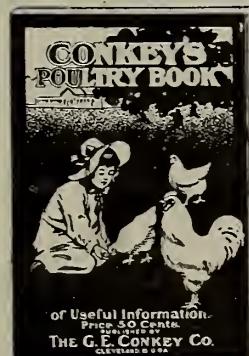
Some fine Cockerels for sale from \$3.00 up. Some good Pullets too
--- Breeding them ten years ---

G. F. & B. K. McINNES, Charleston, S.C.

HOUDANS OF QUALITY

FINE LOT of young stock now ready for shipment. I can furnish winners for any competition. Also a fine lot of breeding stock for sale at reasonable prices. Write us your wants.

DR. G. W. TAYLOR, BOX H., ORLEANS, IND.



poultrymen, whether they keep 10 or 1,000 birds. I consider it the most valuable work on poultry I have, and I have a few. I would gladly have paid \$1.00 for the work if I had known how good it was.—Wm. J. KLEINER, AUGUSTA, GEORGIA.

You can have this book free for 2 two cent stamps and name of your dealer where you buy poultry supplies.

**RHODE ISLAND REDS**

STOP at the SIGN of the RED HEN. Get EGGS to HATCH or HENS that LAY. Ridge View Farm Rhode Island REDS—Best Utility Reds in U. S. Get our SPECIAL OFFER.

ALFRED G. CLARK

Willoughby, Ohio

The KNOXVILLE STORAGE CO.
SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.
CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy.

Awards at Paris, Tenn.

Barred Rocks—E. C. Bowen, best pen; H. M. Summerford, best cock; R. L. Rickman, best hen.

White Rocks—Tom McSwain, best pen and cock; J. W. Jones, best hen.

Buff Orpingtons—Paul Rye, best pen; Everett Routen, best cock and hen.

R. C. Rhode Island Reds—R. L. Rickman, best pen and best collection; T. C. Ezell, best cock and pullet.

Black Langshans Mrs. J. T. Crum, best cock; A. M. Mills, best pen.

A Poultryman's Necessity

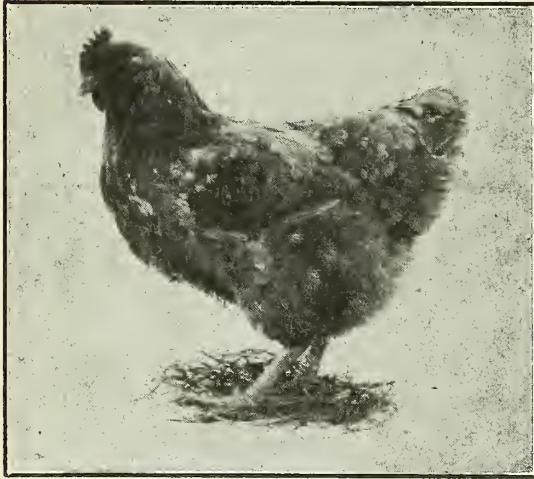
According to men who know—poultry keepers who are practical and successful—there is nothing of greater value in the feed room than a good, easy-working, always-ready bone cutter.

Cut green bone, freshly cut, of course, is as much part of the regular ration as corn. Consequently the necessity of the machine.

Many may claim to be good; but there is quite a difference in construction and ease of operation and this is most apparent when one is familiar with the Crown Bone Cutter, made by Wilson Bros. Box 816, Easton, Pa.

This handy machine works quickly and simply, turning out the bone-shavings in just the shape for quick digestion by the fowls.

One of their catalogues, sent on request, will explain the principle and give you valuable information on egg laying. Write for it.



1st Buff Plymouth Rock Pullet at Nashville, Sept., 1909. Bred and exhibited by W. P. Hofferbert, Gadsden, Ala.

We have received the mating list of the Lakemont Poultry Farm, Ward & Lane, proprietors, Winter Park, Fla. This farm breeds S. C. Rhode Island Reds exclusively. Their birds are of the finest quality and the proprietors are thoroughly reliable people to deal with.

1st cockerel; 2nd cock; 2nd, 5th pullet; 2nd, 4th, 5th hen; 1st pen; 2 silver cups—these are the winnings of Jno. F. West on Barred Rocks at Augusta, November, 1909.

The International Ancona Club was organized recently and all breeders of this variety should communicate with W. P. McNary, Sec.-Treas., Bannock, O., who will take pleasure in answering all inquiries relative to membership fee, etc.

EADY'S S. C. R. I. REDS

Winnings at the Alabama State Fair, Birmingham, Ala., season 1909: We won 1st and 3rd Hen; 2nd, 4th and 5th Pullet; 3rd and 4th Cock; 5th Cockerel; 1st and 4th Pen, in hot competition. Showed against Alabama, Mississippi, Georgia and Tennessee. Won State Cup offered by the Rhode Island Red Club of America. Won Cup donated by E. H. Galusha, for the best Cock, Cockerel, Hen and Pullet, with 89 females and about 40 males in class. This proves that we have the best. Stock and Eggs for Sale. Write us for prices. We have 40 Cockerels for sale and are offering them at \$1.00, \$2.00 and \$3.00 each. These birds are all good size, early hatched, bred from prize winners. Now is the time to get you a good cockerel for 1910.

C. W. EADY, - Guntersville, Alabama

S. C. Buff Orpingtons, S. C. Buff Leghorns, S. C. White Leghorns

The Three Leading Strains of America

My Birds are winners of the blue, and will win for YOU. If you want eggs from good, healthy stock, that produce good healthy chicks, send me your orders. My prices are reasonable, and I can supply any number you may want.

F. M. BOSTICK, Box 109, HOT SPRINGS, ARK.

BOYD'S S. C. BROWN LEGHORNS

Winners of 31 ribbons on 31 entries in three of the largest Southern shows, including more 1st and 2nd prizes than all competitors combined.

If you want strictly high class birds or eggs write me. Matings all made.

DR. H. T. BOYD,

SWEETWATER, TENN.

**NOW'S YOUR CHANCE TO BUY
"BARRED ROCK" COCKERELS**

to head your breeding pens. Cockerels of quality, fine, rich, dark and snappy barring, full of strength and vigor, and fine, large, healthy birds. Remember I breed only the cockerel mating of **"BARRED ROCKS."**

Let me know the kind of bird you want and I will quote rock bottom prices.

CLARENCE YOUNG,

SWEETWATER, TENN.

BARRED ROCK COCKERELS FOR SALE

I have a few choice young cockerels, five and six months old, that will make excellent breeders for spring service. Price \$1.50 and \$2 each. Also eggs for fall hatching \$1.50 per 15. Send for free circulars.

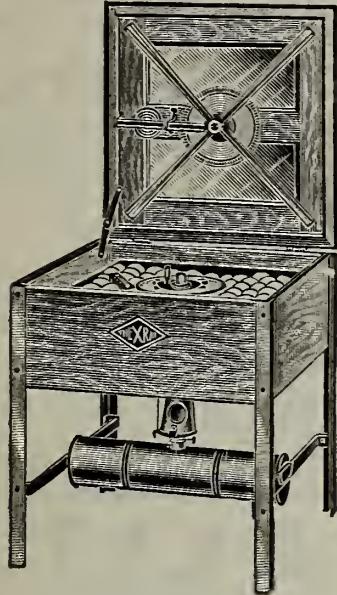
**L. C. MARSH, Prop.
Peerless Poultry Yards, Washington, Miss.**

One Gallon of Oil Hatches 100 Chicks

The makers of the X-Ray Incubator, Wayne, Nebraska, positively guarantee that their machine will hatch 100 chicks with one gallon of oil. That is just a part of the point. The rest of it is that you put that gallon of oil in the lamp to start and you give it no further attention during the hatch.

Most incubator lamps have to be filled every day or nearly every day. That's 15 to 20 fillings. The X-Ray requires one filling. They burn three gallons of oil, and upwards, to make the hatch. The X-Ray consumes one gallon.

The X-Ray, which we think enough of to illustrate, is in many respects a wonderful machine. It is so essentially



different in make and operation from any other incubator that it must be considered in a class by itself. The saving of oil is wonderful. The little attention it requires and its perfectly sure automatic regulation is no less wonderful.

The X-Ray differs radically from old-style incubators in other particulars. The lamp is beneath, in the center. The heat comes up through the center and is distributed equally to the four sides and all over the chamber. The egg chamber is not flat on the bottom but slopes down on all sides toward the center—a wonderfully effective plan for keeping the heat absolutely even all over the hatching chamber. The double glass door is above, not at the side. Ventilation is perfect. Fumes have a chance to rise instantly when the doors are opened. They all escape.

The X-Ray is destined from this time on to cut a great figure in the incubator world. The little attention, the economy, the cleanliness and the certainty are going to give it an immense popularity. The manufacturers send it out everywhere freight prepaid. It is regularly advertised in this paper. A letter or card to the manufacturers at the address given in the advertisement will bring catalog and full particulars.

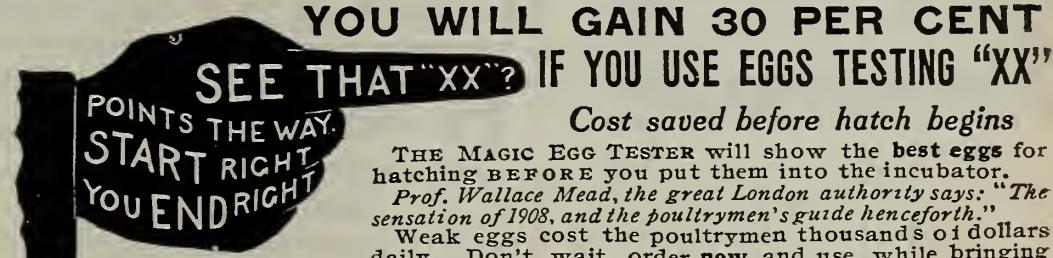
The American Buff Leghorn Club will hold their annual meeting during the great Chicago show. The meeting will be held in the Coliseum, December 9, at 4 p. m. Any further information will be given there at the time. All those interested are invited to join and be present. Geo. S. Barnes, Sec.-Treas., Battle Creek, Mich.

DON'T BUILD

that new hen house or fix up the old one until you get our large new 100 pp. catalog (over 100 illustrations) telling all about Potter Poultry Fixtures, Perfection Feed Hoppers, Simplex Trap Nests, feeds and supplies of all kinds. Potter Fixtures have been on the market over 8 years and are used by thousands of Poultry keepers. They are complete, convenient and sanitary, made in 3 styles and 12 sizes to fit any hen house. We now make the complete line of PORTABLE (K. D.) HOUSES, BROOD COOPS, PIGEON LOFTS, etc., formerly made by the Morgan Sanitary House Co. of Lemont, Illinois. These are made in 20 different styles and sizes and if you want a complete, up-to-date and

cheap house or coop of any kind you should not fail to send for large illustrated catalog or sell your laying hens: use the POTTER SYSTEM and these goods. **DON'T KILL** healthy laying hens. The Potter System is the greatest discovery of the century in the poultry world and is used by over 25,000 poultry keepers. You can save dollars every year by using our system, because you keep only layers. Our new 100 pp. book entitled "Don't Kill the Laying Hen" is a revelation to poultry raisers on the subject of laying and non-laying hens and egg production. Potter Poultry Products are for Particular Poultry People, and if you are particular and want to make more money on your flock you will write today sending 2 red stamps to cover postage on our large catalogs and circulars. Please mention this paper when writing.

T. F. POTTER & CO. : Box 66 : Downers Grove, Illinois



**YOU WILL GAIN 30 PER CENT
IF YOU USE EGGS TESTING "XX"**

Cost saved before hatch begins

THE MAGIC EGG TESTER will show the best eggs for hatching BEFORE you put them into the incubator. Prof. Wallace Mead, the great London authority says: "The sensation of 1908, and the poultrymen's guide henceforth." Weak eggs cost the poultrymen thousands of dollars daily. Don't wait, order now and use while bringing the eggs up to full strength. Your hens are just right when their eggs test "xx," and not before. "Strongest germs are in the eggs testing "xx."—SEILER

Testimonials from well-known poultrymen testing 800,000 Eggs

A purchaser may use the Tester until the first hatch is off, after which a further trial of sixty days will be allowed. Purchase price then returned if not satisfied. Nothing to lose, everything to gain. Fully guaranteed to be just as represented. 12,000 in use. By mail, complete, on receipt of \$2.00. MAGIC EGG TESTER WORKS, Buffalo, N. Y.

SICILIAN BUTTERCUPS

Eggs and stock for sale from the original imported blood. Unequalled for eggs. Circular sent upon request.

MRS. J. S. DUMARESQ
CATO'S HALL, **EASTON, MD.**

P O U L T R Y M E N

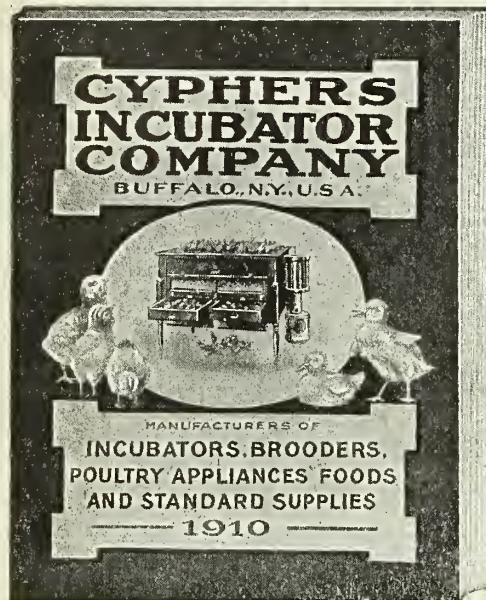
Send 10c for our 1909 Catalogue. Chuck full of useful information. Describes and illustrates 35 varieties.

YOU CAN'T AFFORD TO BE WITHOUT IT.

EAST DONEGAL POULTRY YARDS, Marietta, Pa.

Free Poultry Book and Catalogue

Poultrymen are on the watch every year about this time for the Big Free Poultry Book and Catalogue which Cyphers Incubator Company, Buffalo, N. Y., has published year after year for a dozen years or more. Every year it is the biggest and best illustrated poultry book and catalogue published by any firm, and it is eagerly looked for by those who have been fortunate enough to know of it, not simply because it is free, but because it contains more reliable information on the standing and progress of the poultry industry from one end of the country



to the other than other book—such information as cannot be secured in any other publication. The book is divided into five chapters. The first chapter tells of the methods and success of our customers; the other four tell of actual big things being done on our own \$40,000 poultry farm—and tell it straight.

Then this book contains tales of success of a few of the money-makers in the business; men who are now comparatively rich. There are illustrations of winning specimens of different varieties of fowls; photographs of Cyphers Company's Mammoth Incubators holding thousands of eggs at one time; their Electric Incubators and Brooders, and details of the interior and exterior construction of their Standard Incubators and Brooders for 1910.

This is by no means the total contents of the 160 page book which we offer you free for the asking, but it is all we have room to refer to now. If you wish to get one, all that is necessary is to write to the branch house of the Cyphers Incubator Company that is nearest to you, being sure to ask particularly for FREE BOOK NO. 1. Address CYPHERS INCUBATOR CO., Department 13, Buffalo, N. Y., Boston, Mass., New York City, N. Y., Chicago, Ill., Kansas City Mo., or Oakland, Cal.

Sturtevant Bros., of Kushla, Ala., won at the recent Augusta, Ga., show, in the hottest of competition, 1st. 3rd cock; 2nd. 5th hen; 1st, 4th cock rd; 4th pullet and 2nd hen on S. C. Brown Leghorns. On Columbian Wyandottes they won 5th cock; 2nd cockerel; 2nd 4th pullet; 3rd pen.

**HOUDANS**

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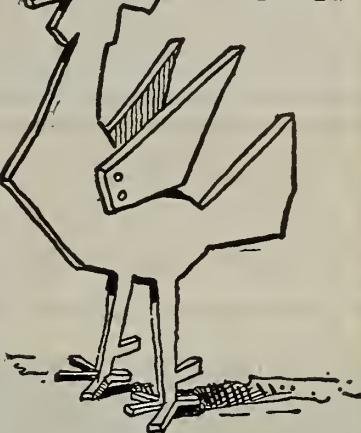
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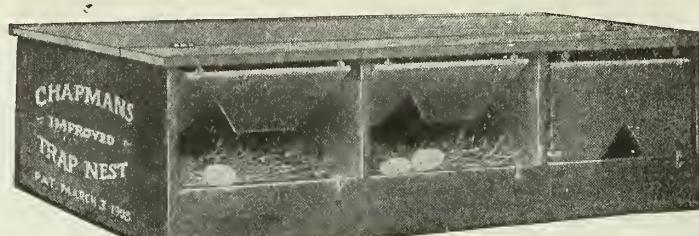
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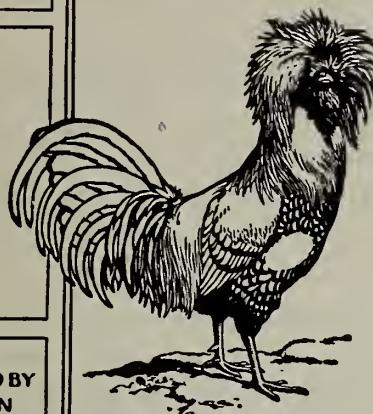
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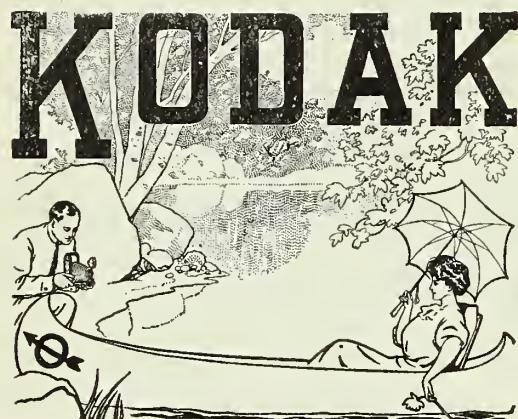
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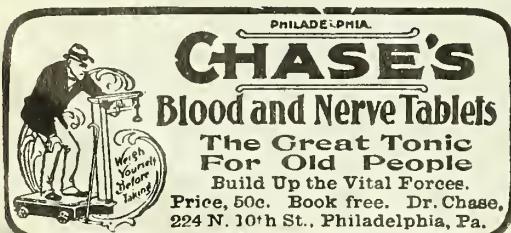
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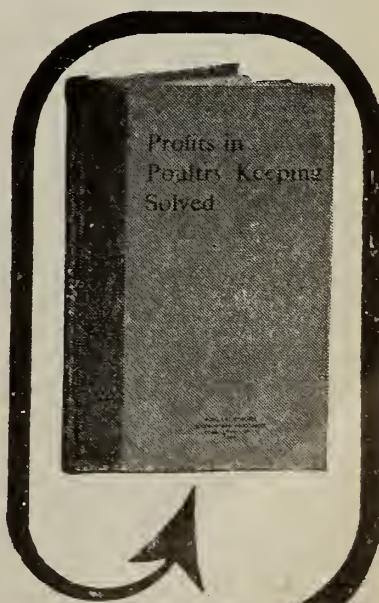
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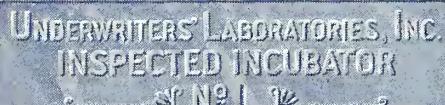
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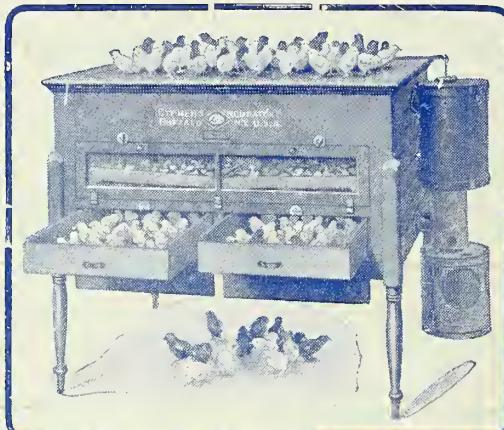
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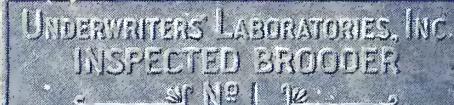
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